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Entirely Floral.

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P23

Park's Floral Magazine.

Vol. XXXIII. No. 1.

LIBONIA, FRANK. CO., PA., JANUARY, 1897.

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DEPARTMENT OF AGRICULTURE

Park's Floral Magazine

is a welcome visitor in more than 300,000 homes, but ought to have a place in every home where flowers are cultivated. That this end may be reached I make the following offer:

FOR ONLY 10 CENTS

I will send the MAGAZINE three months and fourteen packets of choice flower seeds of the finest quality. Here is the collection:

Aster. New Prize Victoria, decidedly the finest and most desirable Aster in cultivation; immense double flowers in 25 best colors mixed.

Alyssum. New Compact Trailing, elegant edging or basket plant; masses of sweet white bloom in clusters from spring till winter.

Coccumb. Improved Dwarf, very showy and much admired. The seeds I offer were saved from selected combs of all the rich new colors.

Nasturtium. Climbing, lovely for garden or house; new, gaudy colors, from white to black purple, some blotched and spotted; everblooming, deliciously scented.

Pepper. Fancy, superb garden or pot plants, beautiful and showy; 25 sorts, embracing all sizes, shapes and colors; new and novel.

Poppy. New Fairy, of dwarf habit, but bearing great, fluffy flower balls in 13 exquisite shades; a grand and gorgeous acquisition.

Phlox. New Large-flowered, beautiful annuals, showy in beds and fine for pots; very large flowers of all colors from white to almost black, some richly variegated; 30 sorts.

Pansy. Giant-flowered, sweet-scented; the finest of all Pansies; flowers of wonderful size, in rich variety and mostly fragrant; 40 sorts.

Petunia. New Bedding, exceedingly floriferous, and embracing a grand array of new and brilliant colors; everblooming, gorgeous; 15 sorts.

Pink. New Large Japan, a brilliant collection of the new large-flowered Japan Pinks in splendid mixture; magnificent; 15 sorts.

Stock. Dwarf German, 30 varieties, all the attractive shades in mixture; seeds saved in Germany from pot plants; of surpassing excellence.

Nicotiana. Jasmine-scented, everblooming; large, star-like white flowers as fragrant as a Jasmine, fine for either garden or window.

Sweet Peas. Large-flowered, all the new and popular shades of this grand annual; in clusters and richly-scented. 35 shades.

Complete Mixture. 1090 sorts, new and old; a gardenful of bloom, showing something new daily throughout the summer; very popular.

The above 14 packets, cultural directions, PARK'S FLORAL MAGAZINE three months, and Park's handsomely illustrated FLORAL GUIDE, all for 10 cents. Seeds all fresh, and first-class in every respect. There are none better.

CLUB WITH FRIENDS.

Any of the following for club of two: five packets for club of five, or all for club of twelve (\$1.20): Larkspur, Lobelia, Marigold, Margaret Carnation, Sweet Fern, Japanese Morning Glory, Dahlia, Giant Petunia, Mignonette, Verbena, Zinnia, Fern-tree Acacia. If preferred I will send 4 Giant Tuberosus Begonias and 1 Tuberosus for club of twelve. Send for Blank Lists, sample copies, etc., free. See Watch offer on another page. Order early. Address

GEO. W. PARK,
Libonia, Franklin Co., Pa.



PANSY.



PETUNIAS.



PHLOX.



NICOTIANA.



INDIAN PINK.



POPPIES.

Choice Vegetable Seeds.

FOR TEN CENTS I will send the following collection of Choice Vegetables. I make this offer to accommodate those flower-lovers who grow Vegetables for family use, and wish only the best seeds at a moderate cost. When ordering see your friends and neighbors, and send us as large a club as you can. The seeds are fresh and first-class, and of the most desirable varieties for general cultivation. Ten well-filled packets of choice Vegetables for 10 cents. They are worth at least 50 cents. Is not this a bargain?

Onion, Wethersfield Early Red.

There are many varieties of the popular Wethersfield Onion, but the one here offered matures early, producing large, solid, mild-flavored bulbs that keep well till Onions come the next season. To those who grow Onions from seeds this variety is especially recommended, as it has all the desirable qualities. Valuable for producing sets if sown thickly. Per ounce 10 cents, one-fourth pound 35 cents.



Select Early Jersey Wakefield Cabbage.

This is the earliest Cabbage in cultivation, and the strain offered bears heads almost twice the size of the Common Wakefield Cabbage, while it is short-stemmed, very solid, does not burst, and can be used throughout the season. It is sure to head, and is sweet, crisp and delicious, either raw or cooked. It is certainly the best early Cabbage. Price, 15 cents per ounce, one-fourth lb. 15 cents.



Improved Edmand Beet.

A few years ago it was thought the Edmand Blood Turnip Beet was perfect in size, color, richness, sweetness, tenderness, early-ripening and keeping, but we offer seeds of a selection from the old sort that is a great improvement, and excels the original in every desirable quality. It is entirely free from the woody fiber found in many highly-praised Beets. For the family garden it surpasses all other varieties. Per ounce 5 cents, one-fourth pound 15 cents.



Improved White Spine Cucumber.

The Improved White Spine Cucumber is grown more largely than any other variety. The fruit is of medium size, handsome in appearance, early and prolific, and unequalled for either slicing or pickling. Protect the young plants from insects by mosquito netting, or by sprinkling with water in which saltpetre has been placed—a teaspoonful of saltpetre to three pints of water. Price per ounce 5 cents, one-fourth pound 15 cents.



Musk Melon, Extra Early Hackensack.

Lovers of Musk Melons want them as early as possible, and they want Melons of good quality. The Extra Early Hackensack, besides containing all the good qualities of the old Hackensack, size, solidity, and prolific bearing, is two weeks earlier. Everyone who grows Musk Melons should try this sort. It is unquestionably the finest variety on the market. Price per ounce 5 cents; one-fourth pound 15 cents.



Excelstior Late Flat Dutch Cabbage.

For the main crop this is the best of all varieties of Cabbage. Every plant forms an immense, solid head; sweet, crisp, tender, does not often burst, and keeps well throughout winter. It can be truly called Excelstior, as there is not another late variety that can excel it in any respect, no matter how highly described, or how wonderful its history. This is the best late Cabbage. Nothing can be better than the best. Per ounce, 15 cents, one-fourth lb. 35 cents.



Improved Hanson Lettuce.

The original Hanson Lettuce was regarded as a first-class variety, but the Improved is much better. In growth it is rapid, and may be cut very early, while it remains tender and usable longer than any other sort. The leaves are beautifully fringed, of a greenish golden yellow, very crisp and tender, and without the unpleasant bitter taste noticeable in many other varieties. The best for the family garden. Per oz. 8 cents, one-fourth lb. 30 cents.



Selected Atlantic Prize Tomato.

This is the earliest Tomato of large size, and has given great satisfaction wherever grown, far surpassing the Tomato which is commonly sold as Atlantic Prize. The fruit is large, smooth, solid, bright ruby-red, does not crack or rot, and ripens evenly throughout. It is borne in large clusters, and continues in bearing throughout the season. It is sweet and highly-flavored, and the vines are very prolific. Price, per ounce 15 cents, one-fourth pound 50 cents.



Parsnip, Improved Sugar.

The Improved Hollow Crown or Sugar Parsnip is the sweetest and best Parsnip in cultivation. It is of large size, smooth, tender, sugary, and of excellent flavor. Sow early. The roots may remain where they grow till wanted for use. The strain I offer is of surpassing excellence, having been greatly improved by diligent and careful selection. The seeds I offer are fresh, and will yield a fine crop. Price per ounce 5 cents, one-quarter pound 10 cents.



Radish.

For the family garden I offer a mixture which is just what is wanted as it embraces early, medium and late, and the Radish bed will thus afford a continuous supply for the table throughout the season. If preferred a package of the French Breakfast Radish, shown in the engraving, will be sent instead. The mixture, however, is a fine one and will undoubtedly prove satisfactory. Price per ounce 5 cents, one-fourth pound 15 cents.



All the above, 10 packets of choicest vegetables, will be mailed for 10 cents. Order now, and ask your friends to order with you. If you are not satisfied your money will be refunded. To encourage club orders I will send Colossal Asparagus, Extra Early Refugee Snap Bean, Scarlet Horn Carrot, Giant Paschal Celery, Early Sweet Corn, Late Sweet Corn, McLean's Little Gem Pea, Long Standing Spinach, Improved Egg Plant, Hubbard Squash, Curled Parsley, Rutabaga, Purple-top Turnip, Kohl Rabi, Dixie Watermelon or New Ten-Ton Tomato for club of two, or all for club of 15 (\$1.50). Any of these premium seeds will be added to the above collection for 3 cents per packet extra, or the 16 premium packets with the collection (26 packets in all) will be sent for 25 cents. You can secure enough seeds for a large vegetable garden by a 26 hour's work among your neighbors. Address

GEO. W. PARK, Libonia, Franklin Co., Pa.

CORRESPONDENCE.

About Hyacinths.—Mr. Park:—In January last year you sent me one dozen white Hyacinths. Oh, the pleasure they gave me! I gave away two or three. I put six in a tin cracker box, and when there were seven spikes of bloom all at once I took it to church, and then gave it to a friend who was closely confined at home. She put it out in April in the corn house on a beam, and there it stood without one ray of light or drop of water until October of this year. When I went after the box to my surprise four of the bulbs had started to grow, and were as hard and plump as the day they were potted. The other two were utterly worthless, being all dried up. I immediately potted the good ones, setting them down cellar for four weeks. They are an inch high now, and I think each bulb is going to have two spikes. I think this is wonderful, but I can tell you of something still more so. I once had a Hyacinth bulb which laid all summer in an old tin pan on an upper shelf in the well house, having been forced the winter previous. It grew two leaves and a stalk of buds, all the tiniest, at the bottom of the old bulb, which was a mere shell, and this without dirt, light or water. I potted it, and it grew and blossomed, quite a stalk, with seven or eight flowers on. I thought this was as wonderful as the Amaryllis I once read of in some Floral Magazine, which blossomed in a drawer in the florist's shop.

Mrs. E. B. M.

Saratoga Co., N. Y., Nov. 30, 1896.

Mr. Park:—My Wisteria vine did something this year that I think was quite a freak. It blossomed in the spring when other vines in town bloomed, and the first of August it sent out four more bunches of flowers. The panicles of flowers were not as large as in the spring, but the individual flowers were the same.

Mrs. C. Hewitt.

Livingston Co., Mich., Nov. 23, 1896.

[NOTE.—When we have a dry summer it is not uncommon to find fruit trees and shrubbery in bloom in autumn. Also, a tree or shrub that is declining or surrounded by unusual conditions will often bloom in autumn in an ordinary season.—ED.]

From Louisiana.—Friend Park: We have had only two cold snaps this fall—the last about a week ago, when there was so much cold everywhere. We had rain, sleet and ice, and thought everything was killed, but as it remained cloudy several days the Roses and some other things are as fine as ever. The Roses especially are lovely, and so many of them. I have a little row each of Blanche Ferry and Katherine Tracy Sweet Peas in bloom, the first I ever saw at this time of the year, and I feel sorry I did not plant more in September. I set out two hundred Fanny plants to-day, and saw some blooms on Strawberry plants.

M. E. C. P.

Baton Rouge, La., Dec. 8, 1896.

GREAT OFFER TO YOU.

Clip this out, return to us with ten cents silver, and we will mail you our great package consisting of 12 excellent books, a box of Turkish perfume and two pretty handkerchiefs. You will be delighted. Address KEYSTONE Book Co., 1111 Arch St., Philadelphia, Pa.

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Are you a sufferer. If so, I would like to have you try my wonderful cure. It's far ahead of anything else ever discovered. Will mail free trial package that you may try it before sending any money. Write at once. Don't delay. Dr. E. M. Botot, Box 589, Augusta, Maine.

Every lady should read Mrs. Hudnut's free offer to Invalid Ladies on another page.

OLD EYES MADE NEW—Away with glasses. By mail 10c. Dr. Foote, Box 783, N. Y.

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TEN
YEARS

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agent than it costs to make it. The factory price is more than doubled. The public is accustomed to bear the burden of this unnecessary expense, and when I offer the best

machine that the best equipped factory in America ever produced at less than one-half retail price its quality is suspected. I want an opportunity to prove to YOUR satisfaction that I'm selling the best sewing machine in the world for \$21.75. I take all risks. Will ship on ten days' trial. If entirely satisfactory, remit the price; if not, hold subject to my order. Don't send for catalogue. The picture in this advt. shows machine exactly as I furnish it. High arm, noiseless, light-running, has automatic bobbin winder, double four motion drop feed, stitch regulator with scale, spring tension, cylinder shuttle, self-setting needle, solid walnut or oak case with seven drawers, beautifully finished; complete with all attachments, and warranted for ten years. Write your order like this to-day, while you think of it: "Ship me one Stevens sewing machine, as illustrated in PARK'S Floral Magazine. If after 10 days' trial, I find it entirely satisfactory will then remit the price, \$21.75; if not, will notify you immediately, and hold machine subject to your order. If I keep it, will consider it your property until paid for." State whether walnut or antique oak case is wanted. Purchaser pays freight from Chicago only. Address

PROFIT SHASHER STEVENS,

Stevens Block, Galena, Kansas.

P. S.—I also sell on instalments at \$23 to \$25, according to time. If this plan is preferable, write.

MENTION PARK'S FLORAL MAGAZINE



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SELL MUSIC and make money. For particulars send us 6 cts. in stamps for sample copy of our magnificent music magazine, Every Month, each number of which contains \$2 worth of the latest popular vocal and instrumental music besides 50 illustrations and several short stories. EVERY MONTH, Room 26, 4 East 29th St., N. Y.

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NEW MULTIFLORA ROSES.

With seed of these new Roses, plants may be had in bloom in 60 days from time of sowing. Plant at any time. They grow quickly and flowers appear in large clusters and in such quantity that a plant looks like a bouquet. Perfectly hardy in the garden where they bloom all summer. In pots they bloom both summer and winter. From a packet of seed one will get Roses of various colors—white, pink, crimson, etc.—no two alike, and mostly perfectly double and very sweet. Greatest novelty of the year. Fresh Seed 25c. per pkt.,—or

Send us 15c., and the names of 5 or 10 people whom you know cultivate flowers and purchase seeds or plants and we will mail you the Rose Seed, a new Giant Pansy and our great 114-page Catalogue.

OUR CATALOGUE of Flower and Vegetable Seeds, Bulbs, Plants and Rare New Fruits is the finest ever issued, profusely illustrated. Free for 4c. in stamps. A new system of selling seeds in packets of two sizes at 5 and 10 cts.

JOHN LEWIS CHILDS, Floral Park, N. Y.

FLOWERS ALL THE YEAR FOR 10 CENTS

An Everblooming Rose and 3 pkts. Flower Seed or 12 pkts. Flower Seed or 10 Gladioli bulbs with Big Bargain Catalogue and Cultural Directions for 10 cents—all for 25 cents.

W. M. B. REED, Box 30, Chambersburg, Pa.

Strawberries a Fine Fruit.

Do you intend planting any Strawberries, Raspberries, Blackberries, Currants, Grapes, Fine Fruit or novelties? Send for my 64-page Catalogue with report on Strawberries free.

D. BRANDT, Box 302, Bremen, Ohio.

EXILED.

An alien, far, far, from the land of my birth,
Across the wide, tempest-tossed sea,
O, fair is this land of adoption, I trow,
But, Scotia, my thoughts turn to thee.

When the Christmas bells' chime stirs the clear pulsing air

As by magic my old home I see;
Though thy daughter should roam to the ends of the earth,

Yea, Scotland, my heart is with thee.

Bessie Johnson-Bellman.

Andrews, Ind., Dec. 6, 1896.

GOLD BUG AND FREE SILVER,

I purchased a package of choice Chrysanthemum seeds and planted them in a cigar box in early spring. The plants were soon large enough for pots. I fed them with rich diet, all they would consume. I did not allow them to get very dry at their roots, and gave them plenty of room. November 21st I have ten large Chrysanthemum plants in bloom in pots. I had thought it almost impossible to improve the gorgeous Chrysanthemums the florists raise from year to year, but I wish the sisters could see two of my seedling Chrysanthemums. The varieties are distinct from any I have ever seen.

Gold Bug is the name I have given the larger bloom, which looks as if a breath might send its curling, shining golden petals floating on the autumn air. It is not very double, but it is so lightly and softly put together it catches the eye with its beauty. I am sure the Gold Bug would be very popular.

I have one curious looking seedling Chrysanthemum plant. Its flowers are bright pink with golden heart, and the petals are grooved. I think it would excite great admiration. I have named it Free Silver, and the only thing my two beauties lack is fragrance. If they will live together in love and harmony they will make beautiful companion plants.

Nannie Waller.

Gatewood, Va., Nov. 22, 1896.

Do You Suffer From Asthma?

If you do, you will be interested in knowing that the Kola Plant, a new botanic discovery found on the Congo River, West Africa, is pronounced an assured cure for the disease. Most marvelous cures are wrought by this new plant when all other remedies fail. Rev. G. Ellsworth Stump, Pastor of the Congregational Church, Newell, Iowa, writes that the Kola Plant cured him of severe Asthma of twenty years standing; Alfred C. Lewis, Editor of the *Farmer's Magazine*, of Washington, D. C., testifies that it cured him when he could not lie down at night without fear of choking, and many others give similar testimony. It is really a most wonderful discovery. To prove to you beyond doubt its wonderful curative power, The Kola Importing Company, No. 1164 Broadway, New York, will send a large case of the Kola Compound free by mail to every reader of *Park's Floral Magazine* who suffers from any form of Asthma. They only ask in return that when cured yourself you will tell your neighbors about it. This is very fair, and you should surely try it, as it costs you nothing.

GOSSIP.

Calla.—A young man told me how his mother treated a Calla that always blossomed freely. It filled a large tub. She turned the tub on its side north of the house in the summer. When she was ready to repot it she turned it out, shook as much earth as possible from it, and repotted it, placing some beefsteak about the roots. This treatment was thought to account for its great beauty. S. E. H.

Greely, Col., Sep. 12, 1896.

Dear Sisters:—In 'the fall I lift all my Geraniums and pack them in dirt in boxes as close as I can crowd them, water thoroughly, and set them in the cellar near the outside door. They start into growth, and keep it up slowly all winter, and I rarely lose a plant.

Lulu D. Murray.

Sar. Co., N. Y., Oct. 23, 1896.

Phyllocactus latifrons.—This is a splendid summer-blooming plant. When mine was in bloom last summer it was such a grand sight that one Saturday night my husband carried it down to the shop. It was as much as he could carry. It held a crowd of admirers about the window till he came home, near 12 o'clock, and he was told afterwards that the crowd did not disperse till the electric light went out. On Monday, before it was brought home, some one went in and cut the whole top off. A slip was not enough. I hope it did not grow! Mrs. L. F.

Ontario, Can., Dec. 6, 1896.

That Pansy Bloom.—If Mrs. F. will look a little closer into the Pansy bloom she will find an old King, and the Queen always keeps his feet in a tub of hot water, so you find them there always. First take off the two upper petals. They represent the Kings daughters. The Queen dresses these very plain. They both sit on one green chair. The next two petals represent the Queen's daughters. Each has a chair, and how much finer they are dressed! The lowest petal represents the Queen. Oh, isn't she dressed beautiful! She occupies two chairs. Next is the poor old King. Take a pin and open the tub, and look at his withered feet. Mrs. L. B. Johnson.

Delaware Co., Ind., Dec. 1, 1896.

Free For Everybody.

Dr. J. M. Willis, a specialist of Crawfordville, Indiana, will send free by mail to all who send him their address a package of Pansy Compound, which is two weeks' treatment, with printed instructions, and is a positive cure for constipation, biliousness, dyspepsia, rheumatism, neuralgia, nervous or sick headache, la grippe and blood poison.

Mrs. Hudnut's free offer to Invalid Ladies on another page will interest all women.



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Send for it before buying. Half saved by dealing direct. Try it. Seeds, Plants, Bulbs, Small Trees, etc. sent by mail, postpaid. Larger by express or freight. Safe arrival and satisfaction guaranteed.

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Hundreds of illustrations; remarkable Novelties, painted from nature. It is known as "The Leading American Seed Catalogue." Mailed FREE to all.

W. ATLEE BURPEE & CO., PHILADELPHIA, PA.

When answering the above advertisement please mention Park's Floral Magazine.

\$500 FOR A TOMATO



The Engraving shows the most wonderful Tomato ever offered, which was grown by W. M. Finley, Salem, Ill., who writes: "They grew over 7 ft. high, and I began to pick ripe tomatoes June 24, and had an abundance all summer. Was two weeks earlier than any other variety I ever had, and of the best quality. I had 11 plants, and each one produced from 1 to 2 bushels of nice fruit, many mammoth ones, not a poor one still loaded with ripe and green fruit."

This Giant Encouraging Tomato is entirely new and a wonder to all. After once grown you will have no others. We own all the seed there is, and will pay \$500 for 1 of them weighing 3 lbs. Plant some, you may get the 3 lb. tomato. Instructions with seed and how to grow them.

FIRST IN MARKET CABBAGE is the earliest kind in the world and you will have heads weeks before your neighbors.

GIANT FLAT BUTCH is the largest Cabbage of all. Is all head and always sure to weigh 20 to 50 lbs.

JAPANESE CLIMBING CUCUMBER. Wonderful variety from Japan. Will climb a trellis, wire netting or any support 5 to 8 ft. Great curiosity.

GOLDEN GLOBE ONION, is a splendid variety, early, round, good quality, excellent keepers.

EARLY SNOWBALL TURNIP, is the earliest in the world, easy grown, good size, white as snow.

We will send a packet each of above 6 splendid varieties and our Great Catalogue for only 25 cts. If you mention this paper and send silver or N. O. we will send free for the ladies, 100 Summer Flowering Bulbs.

FAIRVIEW SEED FARM, Box 45, Rose Hill, N. Y.

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Choice varieties of Vegetable and Flower Seed at 2c. per packet. Flower Plants, 5c. each. Many choice novelties. Don't buy until you have seen our new catalogue. Mailed free if you mention this paper.

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\$500 in Gold GIVEN AWAY!

We have had a number of word contests in the past, and prizes have been awarded fairly. The owner of every winning list has received prizes, and all testify to the square dealing of Mr. Plummer. In entering this contest you are sure of getting the money to which your list entitles you. We first adopted these word contests this season. We have given away \$800, since we began these word contests, to 94 persons, and would like to publish the names and addresses of all the winners, but it would take too much space. We do publish, however, the names and addresses of the winners of first prizes in each of our preceding contests. Here they are: \$50.00—Dr. E. H. M. Sell, 137 W. 96th St., New York City; \$10.00—Miss M. Louisa Allen, Upper Village, Marion, Mass.; \$20.00—E. H. Burt, West Winfield, N. Y.; \$10.00—Mrs. O. H. Coolidge, 93 Maple street, Rutland, Vt.; \$20.00—Mrs. Emily Burt, West Winfield, N. Y. This is our largest and best contest. We give

\$500 in Gold Free.

61 Prizes Aggregating \$500.

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We give nothing but cash for prizes. No trash. Here is our proposition. Who can form the greatest number of words from the letters in INSTRUCTION? You can make twenty or more words, we feel sure, and if you do you will receive a good reward. Do not use any letter more times than it appears in the word. Use no language except English. Words spelled alike, but with different meanings, can be used but once. Use any dictionary. Plurals, pronouns, nouns, verbs, adverbs, prefixes, suffixes, adjectives, proper nouns allowed. Anything that is a legitimate word will be allowed. Work it out in this manner: INSTRUCTION: In, Tin, Ton, Sin, Son, Sir, Scion, Run, Us, etc. The publisher of WOMAN'S WORLD AND JENNESS MILLER MONTHLY will pay \$100.00 in gold to the person able to make the largest list of words from the letters in the word INSTRUCTION; \$50.00 for second largest; \$25.00 for each of the next three largest lists; \$20.00 to each of the next three; \$15.00 to each of the next three; \$10.00 to each of the next nine, and \$2.00 to each of the next forty largest lists—sixty-one prizes in all to the sixty-one largest lists. **Don't you think you could be one of these sixty-one?** You will enjoy the making of the list. **Why not try for the first prize?** The above rewards are given free and without consideration for the purpose of attracting attention to our handsome woman's magazine, thirty-two to thirty-six pages, each page containing four long columns, finely illustrated, and all original matter, long and short stories by the best authors; price \$1 per year. It is necessary for you, to enter the contest, to send 25 cents (money order, silver or stamps), for a three-months' trial subscription with your list of words, and every person sending the 25 cents and a list of twenty words or more is guaranteed an extra present by return mail (in addition to the magazine), of a 100-page book, **"BESIDE THE BONNIE BRIER BUSH,"** by the famous Ian Maclaren. This book has attracted more attention in the United States than any book of recent years. We give a complete unabridged edition, handy size, finely printed. Satisfaction guaranteed in every case or money refunded. Lists should be sent at once, and not later than April 20. The names and addresses of successful contestants will be printed in May issue, published April 25. Our publication has been established ten years. We refer you to any mercantile agency or N. Y. City bank for our standing. Make your list now. Address JAMES H. PLUMMER, Publisher, 225-226-227 Temple Court Building, New York City.



IAN MACLAREN.

PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE

Vol. XXXIII.

Libonia, Pa., January, 1897.

No. 1.

THE FLOWER'S SOUL.

Sometimes, methinks, the songs that are unfinished,

The words unspoken that might bless the hour,
The smile intended yet by chance unnoticed,
Completed are, and live within some flower.

Florence Josephine Boyce.

Washington Co., Vt.

COSMOS.

IN the MAGAZINE for November someone enquires if it is a common occurrence to have Cosmos bloom early. I planted Cosmos late in April in a cold frame. I had never planted any before this year. They came along slowly at first, but were at least six inches high when set out, June 4th. I did not expect them to furnish much in the way of blossoms, as it was so late, and everyone speaks of them as being late-blooming plants. The plants were set out on the south side of a picket fence, in soil which, though moist, was rather poor. I intended to use the foliage in bouquets. August 10th I found the first blossom, a dark red one. From then until cut down by frost, late in October, they blossomed more and more. They grew to a height of about four feet, and were white, deep red and shades of pink.

I have detailed my experience at length, hoping that others may profit by it and plant Cosmos. I had always been deterred from planting it, because all catalogues represent it as a late-blooming plant, and our Vermont summers are very short. I shall not be without it again, however, as I find it very useful for cutting. Perhaps Bro. Park has an early-blooming variety, and wanted to give us a little surprise.

Rutland, Vt., Nov. 30, 1896. H. H. B.

Alum Water for Insects.—I have been successfully using alum water for the destruction of mealy bugs and green lice. The proportion is one heaping teaspoonful to one quart of warm water. Syringe the plants and do not rinse. I do not find that it does the plants any injury.

Kane Co., Ill.

Mrs. E. L. Morgan.

RESTING A CYCLAMEN.

I HAVE heard so many complain of having their patience tried with the Cyclamen. They say they cannot start the bulbs. I presume the reason is because during the resting period they keep the bulbs so dry that they become shriveled. After they have once been allowed to completely dry out they seldom start again. Even where they do the plant never gives satisfaction again, as its value is more or less impaired. In resting the bulbs do not allow the soil to become excessively dry. I just moisten it occasionally in order to let the bulb retain its plumpness. Kept in this way it will start into growth of its own free will. Even then I water cautiously until well started, when it will bear a more generous supply. If kept too wet the bulb is liable to rot,

especially when dormant. I usually give fresh soil as soon as new life appears, and give a larger receptacle if I think necessary.

*Mrs. M. H. D.
Newark, N. Y.*



NEW GIANT EARLY-FLOWERING GCOSMOS.

Nicotiana.—A friend gave me a little seedling plant of Nicotiana a year ago last summer. All I had seen grew about two feet high, so I thought I would set it out last spring under a quince tree in the front yard so it would have partial shade. To my surprise it grew five feet high, with long branches, and from

ten to twelve flowers on the end of each branch. They looked odd enough, peeping out from the branches of the quince tree. They are fragrant in the evening, and are lovely flowers, but I don't think I will put Miss Nicotiana under the quince bush again.

Kipton, Ohio.

Mrs. P. L.

Rubra Begonia.—I allow my Rubra Begonia to bloom at its own will during summer until the first of September. Then I pinch off the tip of each branch which has borne bloom. New side shoots soon issue, and on these are produced the winter bloom. This pinching also produces a bushy symmetrical plant, and increases the number of blooming places on the stalk.

Newark, N. Y.

Mrs. M. H. Durfee.

PELARGONIUMS.

THOSE of us who are so fortunate as to own some Pelargoniums or Lady Washington Geraniums ought to be getting them in readiness this winter for the spring display of flowers. I don't think they are as particular about the kind of soil as some plants. I use a mixture of chip dirt, leaf mold and garden loam, with a little sand. In fact, I use this for most of my plants, except Fuchsias and Begonias, for which I use leaf mould and sand alone, and Roses, which require a richer and heavier soil with no leaf mould. Pelargoniums should be kept in good growing condition through the fall and winter in a moderately warm and sunny place, and showered with warm water two or three times a week. When you water them (or any other plants, for that matter) give them a thorough soaking, and then let them be till they are dry again. Not till they are dry as dust and ashes, of course, for there is a medium degree in all things. The uncertain, hap-hazard way of watering plants that so many people practice, a little to-day and more to-morrow, or none till the plants are dried up and half dead, is the cause of a great deal of the trouble with plants in winter time. We need, in the matter of watering and fertilizing our house plants, to appropriate to ourselves the answer of the famous painter, Sir Joshua Reynolds, who, when asked by a lady what he mixed his colors with, replied "With brains, madam."

I keep my Lady Washingtons in pots the year round, shifting to larger ones as they become root-bound, and when I see they are getting too old and woody to bloom well I start new ones and throw the old ones away. About the time the buds begin to form in February or March give them liquid fertilizer once a week, and continue while they are blooming, but beware of fertilizing plants too much early in the winter.

Mary B. Appley.

Windham Co., Conn., Nov. 20, 1896.

Crinum pedunculatum.—I find this Crinum very easily managed. Give it a rich, peaty soil (without manure) mixed with sand, and give plenty of water and sunshine. They grow rapidly, forming fine specimens that bloom two and three times a year. Mine was in bloom last Christmas and again in August. This Crinum is evergreen, never dying down as some do, but it takes a short rest after blooming, and does not grow so rapidly, at which time it should be watered sparingly. After they are once potted do not disturb them, but let them remain in the same tub for several years. Occasionally remove the soil on top and add fresh soil without disturbing the roots. My large bulb divided into three, and each bulb sent up a bloom stalk with an immense bud which burst open, throwing out thirteen creamy white sweet-scented Lilies with rose-tipped stamens. The petals are narrow and curve gracefully backward, making the whole plant beautiful in the extreme.

Anna Davis.

Portland, Ore., Dec. 11, 1896.

BEGONIAS.

AFTER the Heliotrope the Begonia is my favorite. Give the plants a light soil, woods earth, a little sharp sand and a very little thoroughly decomposed cow manure. Give them good drainage. I fill the pots almost one-fourth full of charcoal. They must have plenty of light—not bright, hot sunshine. If they are troubled with worms in the dirt apply a dose of weak lime water. All except the Rex varieties like the dust washed off at least once a week.

There is a great diversity of varieties, some having very small leaves, while others have five-pointed leaves a foot or more across. The flowering varieties bear a profusion of graceful, drooping racemes of red, white, pink and rose color.

Of all the varieties that I am acquainted with the Marguerite is the most satisfactory. It has leaves of a triangular shape, longer than wide; the under side of the leaves and the stem are hairy, the upper surface of a bronze-green-purplish cast. It bears large racemes of rose-colored bloom, and is a good grower. Argentea guttata is another good variety, as is also Manicata aurea. The pink and white Dewdrops grow well and have large trusses of pink or white bloom. Vernon is also a fine bloomer, but the Rubra almost equals the Marguerite in my estimation. It grows so fast that it will reach the top of a window in a year or two. It has waxy green leaves and panicles of coral-colored flowers. Weltoniensis is another favorite. The flowers are a lovely shade of pink and very abundant. It is certainly a little gem.

There is another point in favor of Begonias that I must mention. If you have a well-lighted north window they will grow there as well as at east windows, thus giving more space for plants that need sunshine.

Nanus Vincent.

St. Paris, Ohio, Dec. 2, 1895.

[NOTE.—The Dewdrop Begonias, like Vernon, belong to the Semperflorens section of Begonias, all of which are easily grown and very free-blooming.—Ed.]

Smilax.—Last spring I planted a bunch of Smilax tubers among my Sweet Peas, forgetting all about them. One cold day, after the frost had killed the Sweet Peas, I noticed something green, and to my astonishment it was a nice Smilax vine. I took it up carefully, potted it, and it is growing finely. This proves that Smilax is quite hardy, and will stand some neglect, especially if there is a nice bunch of tubers to start from. It grows very easily from seeds, and is a fine decorative vine, not wilting for many days after cutting. It is used principally for green bouquets and floral designs.

Ima.

Geauga Co., O., Nov. 24, 1896.

Linnaea or Twin Flower.—This is a little pink bell growing in shady woods, and has a very sweet, peculiar fragrance, like a kind of decayed wood. It is found in all cold and temperate climates.

Tusket, Can., Dec. 8, 1896.

A Sister.

ABOUT ASTERS.

MY Asters were a marked success, and were the admiration of all visitors. I used to feel somewhat of a dread of Asters, for it seemed as if winter was nigh at hand when the Asters bloomed, but now, when I have Asters from the middle of July till frosts, I begin to look upon them as among my floral treasures. The first to bloom was Queen of the Market. This is one of the branching varieties. Each flower is borne on a long stem, which makes them valuable for cutting. Of this kind I have only the pure white, though there are other colors. This is the third year that I have raised them from home-grown seeds, and the flowers were as double as the first year. I save my



IMPROVED VICTORIA ASTER.

earliest and best flowers for seeds by tying a narrow strip of cloth loosely around the stem of the flower I wish to save, and leaving it there till the seeds are ripe.

Next after the Queen of the Market came Truffaut's Pæony-flowered Perfection, in mixed colors. These were also from home-grown seeds, and were beautiful. Severe storms beat down the plants when in full bloom, and shortened their season of beauty by causing the blossoms to turn brown and decay. However, the bed was saved from early ruin by the row of yellow Asters which I set around the edge, without knowing to what proportions the plants would grow. As the other Asters failed in beauty the yellow ones, which are really only a cream color when fully blown, grew and branched till they were more conspicuous than the other colors, and that bed was bright and cheery till frost came. The yellow Asters are of the quilled variety, and each flower lasts a long time, while the plant comes near being a perpetual bloomer, for it seemed as if the more flowers I picked the more I had.

The last Asters to bloom were the Vick's New Branching. Of these I have only the pure white, but if you want the perfection of all white Asters do not fail to raise this. The pictures in the catalogues do not do it

justice. When the flowers are half open the center has a yellow tint suggestive of the Pond Lily, but as they open more fully the petals turn white, and the fully expanded flower is—well, simply perfect. In size they are immense, being four inches or more in diameter, and each flower is borne on a long stem. The last to bloom are as perfect as the first, and almost if not quite as large. I bought the seeds of these last year, and marked my most perfect flower for seeds. I gave them a sunnier situation this year, and was delighted to find when they blossomed that the flowers were larger than they were last year.

Mrs. S. J. Fish.

Cheshire Co., N. H., Nov. 2, 1896.

[NOTE.—The most beautiful of all Asters, perhaps, is not mentioned above—the Improved Victoria Aster, the flowers of which are of great size, fine form, perfectly double, and of almost innumerable shades. The little engraving represents a plant of this exquisite sort.—Ed.]

White Carnation.—Among the flowers that came from a package of mixed seeds from our Editor last spring was a white Carnation, a Marguerite, probably, and if not another plant had come from the whole package this one would have more than paid for all. It has borne over forty large, double flowers, beautifully fringed and deliciously fragrant. The first cluster was placed in the hands of one who had departed from earthly scenes, and was almost the only white flower to be found in the neighborhood at that time. The last blossom is about to close, and I bid it farewell with regret.

Mrs. E. F. Inman.

Douglas Co., Ore., Oct. 28, 1896.

Oils as Fertilizers.—There are no better fertilizers for plants than Castor oil and Cotton-seed oil. I have tried them on Begonias, Heliotropes, Palms, Ferns, Callas and various other plants, and have been surprised at their growth and improvement. Use a teaspoonful at the roots on a small plant, and more for larger ones, according to size. Mrs. C. J. Thompson.

Waldron, Ind., Sep. 15, 1896.

The Spider Lily.—When grown in the flower border the Spider Lily should be given a partially shaded situation and a deep, well enriched soil, and in order to ensure ready growth and abundant bloom the bulb should be planted with the crown out of the soil. If Spider Lily bulbs are set entirely under the soil they will never bloom. Chas. E. Parnell.

Florri Park, N. Y.

Cosmos.—Last year I had four nice Cosmos plants about three and a half feet high, but they did not show any signs of buds. They just kept on growing till frost came. A. W. K.

Rochester, Minn., Nov. 19, 1896.

A Pretty Bed.—A pretty bed can be made by sowing Ageratum for centre, pink star Phlox next, and bordering with white Candytuft or Sweet Alyssum. E. F. E.

Allegany Co., N. Y., Dec. 8, 1896.

IPOMCEAS.

IPOMCEA PALMATA, or Mexican Morning Glory, is a tuberous-rooted vine with large, palmate foliage. It will grow to a height of twenty feet in a season, and produce an abundance of large, rosy blossoms, often three inches in diameter, and will bloom from June until frost. The roots increase in size from year to year, but are not quite hardy in cold climates, and should be taken up and stored away like Dahlias and Gladiolus. In the southern and Pacific coast States they may be left in the ground without injury.

Ipomoea pandurata is also tuberous-rooted, but is quite hardy anywhere. It is not at all particular as to soil, and will grow almost anywhere. It is a good vine for dry climates as the immense root sustains the vine, even in severe drouth. The vine grows quite rapidly, increasing each year, and soon covers a large amount of space. The flowers, which are abundantly produced, are large, cream-white with a purple throat, and of thick, waxy texture.

Ipomoea Learii, or blue Moonflower, is a native of Ceylon, a very rapid grower, and produces clusters of trumpet-shaped flowers of rich violet-blue.

Ipomoea noctiphyton is a true "moon-flower," as it opens its great white blossoms only at night, closing them again in the morning. The flowers have a delightful fragrance, and the children love to watch them in the evening as they one by one instantly fly open. Jessie Lynch.

Tillamook, Co., Ore., Nov. 2, 1896.

Acacia lophantha Blooming.

So many persons ask when the *Acacia lophantha* will blossom that I want to tell about mine. It is just sixteen months since the seed came up, and almost every leaf on it has two bunches of buds at the axil. I let it grow five feet tall, then nipped the top and the ends of large branches. It stands on the piazza, where it gets sun half the day. Don't put the plants under a tree as I did one. The insects (I don't know what kind) stung

most all of the leaves in the middle, and then the end-half died. And don't be sparing of water. Give but very little fertilizer of any kind if you want it to bloom. A sandy soil, water and sunshine, and an occasional pinching of overgrown shoots is all that is needed to make a handsome tree for your front porch. Mrs. F. B.

Elgin, Ill., Aug. 23, 1896.

Yellow Rhododendron.—This is a beautiful evergreen shrub with spreading branches, and oblong, thick leaves, narrowed towards their footstalks, reflexed at the margin, much veined, deep green upon their upper surface, glaucous beneath. Flowers large, yellow, on long peduncles, and in terminal umbels. Corolla wheel-shaped, with its border divided into five roundish spreading segments. It is a native of Siberia. E. Frances E.

Allegany Co., N. Y., Dec. 8, 1896.

ABOUT AMARYLLIS.

THERE are many different members of the Amaryllis family, but the beautiful *A. Johnsonii* is my favorite. The flowers are a bright wine-red. It is a very robust grower and sure to bloom.

A. Belladonna is a beautiful white, and very fragrant. *A. equestre*, or Barbadoes Lily, is similar to *Johnsonii*. The flowers have large white throat heavily tipped with salmon. *A. Formosissima* has dark scarlet flowers, and there are others, but I will not describe them here.

The secret of success in the culture of Amaryllis is to give them a season of rest each year. Plant one bulb in a small pot, or several bulbs in a large pot, as they bloom best when somewhat root-bound. If the offsets are removed each



A. FORMOSISSIMA.

year they may always be kept in the same pot, and I do not think it is necessary or beneficial to transplant them each year. Just take off as much soil as you can without disturbing the large, fleshy roots, and then fill in with good rich soil.

When they are to be repotted do it in this way. Give plenty of drainage, fill the pot with soil composed of loam, sand and well-decayed manure, and set the bulb with about one-half protruding from the soil. Start them to growing in February or March by giving them plenty of water, and a warm, sunny place. After the buds appear give liquid fertilizer once a week. After the blossoms fade cut off the flower stalk and encourage the plant to make a vigorous growth all summer. In the fall the leaves will turn yellow, then withhold water and place the pot in a dry, frost-proof cellar for its winter's rest. In the summer while the plant is growing it may be put out of doors, but I would not advise anyone to plant it in the open ground, although some advise this. I consider the culture of the Amaryllis very simple.

Aunt Ann.

Edwall, Wash., Dec. 18, 1896.

Parsley.—We all miss the flowers for table decoration when the frost has laid low our out-door beauties, yet I can hardly bear to pluck our window favorites, neither do we always care to set a blooming plant in the center of the table. If a few plants of Parsley are taken from the garden and tucked in here and there among the window plants, they will thrive well, and if only the under leaves are plucked, leaving the crown intact they grow very fast, and may be picked almost daily for use as a garnish for different dishes, and add a bit of brightness to the table. C. S. E.

Hinds Co., Miss., Nov. 7, 1896.

ABOUT BEGONIAS.

IN my collection of seventy plants my sixteen Begonias afford me the most pleasure. I am not very successful in starting the cuttings, as they damp off easily. Even after they are rooted and growing I have that trouble with them. *B. rubra* I have to avoid over-watering to prevent damping off. For this reason I think they do better in earthen pots than in tin vessels, the pots promoting evaporation and freeing the soil from a surplus of water. For this reason, also, good drainage is necessary, and the soil ought to be nearly half sand.

Begonias are such pretty plants, even when not in bloom, that I wish I had as many more varieties as I have. I find the Dew-drop the most free-blooming in my collection, and its dainty white flowers contrast well with its smooth dark green foliage. *Rubra* is always a stand-by, and *Rubra alba* is a pretty plant, but not so free-blooming. *Alba picta* and *Wiltonensis* are very desirable, as also *Margaritæ* and *Semperflorens*. *Gigantea rosea*, although a rather coarse-looking plant, is one of the most desirable, because of its great clusters of crimson bloom during the winter months. *Argyrostigma picta* is beautiful at all times, but particularly so when bearing its large clusters of delicate pink flowers. *Manicata aurea* has lovely blotched foliage.

Lide.

Iola, Kan., Nov. 30, 1896.

[NOTE.—One of the best Begonias for the window of the amateur is not mentioned above. It is *Begonia Bruanti* or *Angel's Wing*, with soft green, red-fringed leaves, and numerous clusters of rosy-pink flowers throughout the winter months. Plants of this sort grow from two to four feet high, and both leaves and flower clusters are very large and attractive. Its easy culture as well as its great beauty commend it to all lovers of window plants.—Ed.]

***Solanum jasminoides grandiflora*.**—This plant is most easily managed. If neglected it stands patiently waiting, and when given water and a sunny window it immediately begins to grow and cover the trellis with its bright green leaves, and clusters of buds appear at the end of every growing shoot which soon burst into bloom, the clusters hanging on delicate waving stems that give them an "airy-fairy" appearance that makes us immediately fall in love with it and decide never to be without it. It is a vine that amateurs are sure to succeed with.

A. D.

Portland, Ore., Dec. 11, 1896.

***Crassula cordata*.**—From a tiny plant of *Crassula cordata* purchased last spring I now have a plant that almost entirely covers a six-inch jardiniere, and every branch is well tipped with buds. It stands in a window with entire southern exposure, and I water when the soil dries out. In fact, I treat mine as I would a Geranium, and did so all summer. As joints are always more or less throwing out roots if a branch becomes broken it can be stuck in the earth, and will grow on undisturbed.

Mrs. Durfee.

Wayne Co., N. Y., Dec. 12, 1896.

NASTURTIUMS.

IN the last spring I bought a half ounce of climbing *Nasturtium* seeds of our Editor, and if ten cents was ever well invested, and gave full returns for the investment, that little dime did. My bed was probably eight feet long by two and a half feet wide. I planted the seeds right in the bed, quite close together, so the ground would be thickly covered with the vines. I planted the seeds the twentieth of April, and just eight weeks from that day, June eighth, I gathered my first flowers. The last ones were picked the fourth of November, giving me five months of bloom, and such quantities of flowers as they furnished! One morning in July I know I picked fully a peck of blossoms. I never before had as large flowers, as bright colors, or as great a variety. In a bouquet I took to a horticultural picnic nine different colors were counted. The bed was the admiration of the town. Many asked where I got the seeds. I think our Editor will have several new customers next spring.

The first three weeks of August were extremely warm and dry, and in spite of watering the vines died down to the ground. I thought they were dead, but after the first rain I noticed fresh leaves coming out. I cut off the old leaves and bare vines, and very soon the bed was covered with a growth as thick and fresh as the first. The late flowers were not as freely produced as the early ones, but they were the largest and most brilliant that I had. Of all annuals *Nasturtiums* are, to my mind, the most desirable.

Lide.

Allen Co., Kan., Nov. 30, 1896.

China Lilies.—My China Lilies are now budded to bloom outside in the garden, and it is but the last of November. They are earlier than usual this year, but are often in bloom during the holidays. I have both double and single, and here it is easy to secure a supply of bulbs, for the Chinamen are very generous with them, and give most of their neighbors a few bulbs every winter. I always put mine in a dish of pebbles and water the first season, then put them in the ground the next winter, where they increase from year to year. The Chinamen do not get their bulbs early enough for us to have the blossoms by Christmas, as they want them in bloom for their New Years, which comes early in February.

Mrs. B.

Tehama Co., Cal., Nov. 28, 1896.

Zinnias.—Not being successful in raising Zinnias in the yard I sowed a package of Double Pompon Zinnia seeds in an old tin boiler filled with rich earth. Of course, two-thirds of them had to be pulled out, and they are a crowded mass yet, but such bloomers I think I never saw. I do not let any of them go to seed, and for every flower I pull off two comes to take its place. Every evening they are given a gallon of water, and now I think I have solved the problem of raising them to perfection.

Sophia E. Wilson.

Fresno Co., Cal., Aug. 6, 1896.

FRENCH CANNAS.

"WHAT are those red and yellow Lilies?" "They are not Lilies; they are Cannas," is my reply in a slightly disgusted tone. "Oh!" in a prolonged voice, then more briskly, "Well, what are Cannas?" This is what I hear every few days. It is perfectly amazing how few people know anything about Cannas, especially the new French varieties. They are a wonderful acquisition to the floral world. They have so many good points, and no bad ones, unless it be one cannot put them in the cellar in the winter. But they do not need light. Any out of the way corner will do, provided it is warm and dry. Given this and a little water now and then they will grow all winter and be ready to set out again in the spring. But don't give them too much water, or they will rot. I lost some that way last winter. This spring I put mine in a bed near the house, where the soil was very rich, and gave them lots of water, and I never saw such immense clumps. Some were four feet high, and I counted eighteen stalks in one hill this fall. They were of the Childsli variety, flowers deep yellow spotted with crimson. I had Madame Crozy, but lost it. This spring I sent for a small plant of Queen Charlotte. It was planted in an old water pail, and how it did grow and blossom. At one time it had three stalks in bloom at once. It is a beautiful and gorgeous flower. I raised one fine plant of it from seeds.



FRENCH CANNAS.

Another year I want a big bed on the lawn, and will border it with dwarf Nasturtiums. I also want to add three or four new varieties, and shall also try a paper of seeds. But there is no use growing them unless you can give them very rich soil and lots of water. They are big eaters and hard drinkers. Feed them well, and they will surprise you, as they did me this year.

Lulu D. Murray.

Sar. Co., N. Y., Oct. 31, 1896.

[NOTE.—If Cannas are dug while the soil is wet, and the clumps with the adhering soil thoroughly dried they may be kept on an upper shelf in a frost-proof cellar without moisture about the roots. If the soil is removed, however, exposing the roots to the atmosphere, they will soon shrivel up and die.—Ed.]

Roses in October.—I wish those who are fond of La France Roses could see my beautiful plants now in full bloom (after Tomato vines are frozen). I experimented with these Roses for years on their own roots, but was not successful. Lately, however, I have been budding them, and have been abundantly rewarded. The budding is done upon other stocks, and below the surface, in July. In August everything above ground is cut away, so that the bud will get the full sustenance of the roots in the spring. I now have plenty of the most perfect flowers.

J. K.

Nauvoo, Ill., Oct. 29, 1896.

NASTURTIIUMS FOR WINTER

ALTHOUGH the praises of the Nasturtium as a summer bedding plant are frequently sung, and its many good qualities can hardly be over-estimated, it is little known as a winter-bloomer. Last fall a year ago, after frost had killed most of the garden plants, a plant of trailing Nasturtium was discovered in one corner of the garden still untouched by Jack Frost's breath. It was lifted and the roots tucked into a hanging basket beside a plant commonly known as Pointed Ivy or Wandering Jew, hung in the hall where the sunlight could not strike it, and there, with no care whatever except an occasional watering, that Nasturtium accommodately grew, thrived and blossomed all the long winter through, making a spot of brightness in the hall—seemingly nodding a cheery "good morning" to each member of the family as they descended the stairs, and more than one stopped to inhale the soft fragrance of the sturdy, courageous flowers. All blossoms were picked as soon as they faded, so that none of the strength of the plant was allowed to be expended in seed formation; all was given to the pleasing task of brightening the home, and right royally did it fulfil its mission. Long live the Nasturtium!

Clara S. Everts.

Hinds Co., Miss., Nov. 23, 1896.

Variegated Clover and Corn.—

The article by Nettie Williams on "Freaks" in the November MAGAZINE was very interesting. Her description of the variegated Clover brought to remembrance a find of mine which I had nearly forgotten. My discovery was also a bunch of Clover with white and green leaves. I found it in the woods near a little stream of water, and much of it was four-leaved. How I should liked to have seen her variegated Corn. That was a curiosity, indeed. I never before heard of such a freak. But I have often found ears of corn growing in the tassel. I have heard it said new varieties of corn are produced by planting the seed from these ears.

E. R. C.

Maynard, Ohio, Dec. 14, 1896.

[NOTE.—The Corn catalogued by seedsmen among ornamental grasses, Zea Japonica variegata, has beautifully striped leaves, and is a luxuriant and attractive foliage plant for a semi-tropical bed during the summer. It is of easy culture and worthy of trial.—Ed.]

Smilax.—I made two wreaths lately for funerals, and used Smilax in both of them with good effect. In one it was used with double pale pink and large single white Geraniums, the clusters being divided, and one flower put in each place. In the other it was worked with small white Chrysanthemums. I think there is no plant that is so nice to have for use on funeral occasions as Smilax. It is so pretty in itself that it needs but a few flowers to make handsome wreaths, anchors, etc. I train mine on thread, and it is so handy to use that way.

Mrs. Myrtie Bosworth.

Eaton Co., Mich., Nov. 13, 1896.

GLOXINIAS.

COSMOS IN FLORIDA.

FOR the window or conservatory in summer nothing can surpass these lovely plants. They are quite easily grown, and are constantly in bloom till autumn. They may be grown from bulbs or seeds. If from the latter, care should be used in sowing as they are very fine. The best way is to fill boxes or pots with good soil, taking care to have the drainage good, make the soil smooth on top, scatter the seeds thinly over, sift a very little fine soil on top, cover with an old flannel cloth, water thoroughly, and set in a warm place until the tiny plants appear, which will be in from fifteen to twenty days. Then remove the cloth and gradually bring to the sunlight.

If bulbs are purchased, plant them in pots of fibrous loam mixed with manure and sand in equal parts. They require but



GLOXINIA BLOSSOM.

little heat or water until they show signs of growth. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear. In autumn, when they are done blooming allow them to die down by gradually withholding water. Set the pots in a dry, moderately warm place until spring, when the bulbs may be started into growth again. There are many different colors and shades, such as pure white, blue, scarlet, and many richly spotted with pretty contrasting colors; others have a throat of pure white and edges of some bright color. All are rich and showy.

In filling the pot, be sure to give good drainage. Place a few pieces of broken shells or crockery in the bottom, taking care not to close the hole in the pot; lay over that a little of the moss that your bulbs came in, and put in the soil. This will prevent water from standing about the roots.

Jessie Lynch.

Tillamook Co., Ore., Nov. 2, 1896.

TWO years ago I planted seeds of Cosmos. They began to bloom when four or five inches high, and continued until the "trees" were taller than I, and took up so much room in the beds I pulled them up and flung them away, though they were in full bloom. But there were thousands of plants coming up to blossom where the seeds had fallen, so I took all out of the beds and set a few in a fen in the shrubbery. At the present time they are walking in the footsteps of the Zinnias, Phlox, Cypress and other seeds I have planted, are all over the Orange grove, by the roadside, and in adjoining fields, and I have worked many hours trying to eradicate them. The pink Cosmos grows wild by the lake shores, as also do the white Wisteria and Parlor Ivy.

The fields are full of Prickly Pear Cactus, Yuccas, Calendulas and many other flowers, while some of the lakes and rivers are so thick with Water Hyacinths it is almost impossible to get the boats through them in some places.

I often smile to think of the hours I have fussed over and petted up some plants in my old northern home, and see them growing here so wild and independent, with no thought of the cold winter so near at hand with their captive friends in the northern greenhouses.

Mrs. A. A. Darling.

Lake Co., Fla., Sep. 16, 1896.

French Cannas from Seeds.—I have again been successful in raising the French Cannas from seeds. I used the same method I mentioned in PARK'S MAGAZINE for January, 1896, and am satisfied with the result. I had thirty-five out of fifty seeds come up. I sent some away, and have eighteen fine plants, most of which are in full bloom, and have been so since July 25th, which is the best yet, as I planted them April 16th. I hope that others who have tried this way have been just as successful.

F. B. Swift.

Fairfield Co., Ct., Aug. 10, 1896.

[NOTE.—The method referred to is described as follows: "The best way to start Cannas from seeds is to cut through the cover or shell of the seed near the sprout (which looks like a small pimple) with a knife; then plant three inches deep in boxes of good garden soil, and cover with glass. The seeds will germinate in eight or nine days."—Ed.]

Water Hyacinth.—To have Water Hyacinth bloom do not pot it in so much rich soil. It grows and increases at the expense of blooms. Plants are pretty if they never bloomed, but the blossoms are extremely beautiful. When summer comes give them rather poor soil in the bottom of the tub, and set them in a warm, sunny place in the yard and they will bloom freely.

A. D.

Portland, Ore., Dec. 11, 1896.

An Old Geranium.—I have a Geranium that is fourteen years old, and I counted twenty-five large bunches of bloom on it at one time. Who says old plants do not bloom well?


Mrs. J. Gibbs.

Co., Iowa, Dec. 1, 1896.

CHINESE SACRED LILY.

Sacred Lily, in your petals
Hides a charm I cannot see,
From the hidden depths of memory
Floating thoughts come back to me.
Home again, I hear the laughter,
Snatch of song and light guitar,
And can see the lamplight gleaming
Where your flower faces are.

I can feel the same old gladness
That your fragrance used to bring
When we gathered there together
At the eventide to sing;
Hearts were light with merry making,
Hope was dancing with the glow
Of the firelight in the evenings
In the dear, lost long ago.

Sacred Lily, time may shower
In our paths its choicest gems,
Grace our brows with crowns of Roses,
Braid with gold our garment hem;
But it cannot bring contentment,
In whatever path we roam,
Half so sweet as when we gathered
'Round the fireside of home. 

Gene L. and Florence Josephine Boyce.
Washington Co., Vt., Dec. 1, 1896.

STARTING SEEDS IN THE HOUSE.

A GREAT many seeds must be started rather early for the best results. Every year there is a great loss of both money and seeds simply because people do not know the time required for germination, cover their seeds too deep, and are careless in watering after the seeds are planted. The rule for covering all kinds of seeds is to cover to a depth proportionate to their size. Seeds as fine as the double Petunia should have the soil lightly sifted over them, just to barely cover them. Coarse seeds, such as those of Dahlia, should be covered to the depth of half an inch. When starting fine seeds, such as the double Petunia, Coleus, Heliotrope and Portulaca, I use cigar and sardine boxes, with very fine holes in the bottom, and when they need watering I place the box in a pan of water and allow the moisture to soak up from the bottom. In this way there is no danger of washing out the fine seeds. The soil must never be allowed to become dry and hard. The growing of most plants from seeds requires lots of time and patience. Some seeds germinate in a few days, while others require at least a month. Coleus and Dahlia seeds will germinate in from five to seven days; Portulaca in about two weeks; double Petunia in from twelve to fifteen days, and Heliotrope in from fifteen to twenty days. This is an excellent and cheap way to get a good start of Heliotrope. I raised some nice thrifty plants last year from seeds. The usual price of one packet of Heliotrope is ten cents, and double Petunia seed is very expensive, costing from twenty to thirty-five cents a packet, but if one raises only half a dozen plants from one packet it will pay to grow them from seeds. A few of the Petunias will be single, but a large percentage will be perfectly double. The delicately tinted and finely fringed Petunias are almost as pretty as a Tea Rose.

Who does not love the velvety-petaled Pansy? If one wishes fine large flowers

the seeds must be sown early, as the flowers that bloom during the cool months are the finest. It requires from eight to ten days for the germination of the seeds. There are many excellent strains, but I prefer the Giant Trimardeau, as they are largest of all Pansies. All young plants must be shaded from the direct rays of the sun.

Verbenas should be planted early for the best results. There are few other plants that can equal this for bedding purposes. They are a mass of bloom the entire summer. It requires from eight to ten days for the germination of the seed. There is seldom a loss here, as nearly every seed will sprout.

Cyclamen plants are easily raised from seeds, but require an extra amount of patience to grow them, as it takes a month, and sometimes longer for the germination of the seeds. The seeds are large, so there is not much danger of losing them.

I use tin pans or shallow boxes in preference to the porous pots for starting seeds of all kinds, as they retain the moisture longer. The small paper pots advertised by a few florists are excellent for this purpose. I do not sow the seeds very thickly, and do not find it necessary to disturb the young plants till ready to transplant to the permanent beds. I consider the shifting to larger pots unnecessary, unless they have been sown too thickly, as it only disturbs them and stops growth for a time.

Laura Jones.

Lincoln Co., Ky., Nov. 11, 1896.

[NOTE.—In sowing valuable seeds it is well to divide the packets and sow at different times. Sometimes one or two sowings will fail entirely, while the second or third will prove successful. Our contributor wisely calls attention to the time required for the germination of different seeds. It is undoubtedly true that more seeds are lost from neglect of this point than from any other cause.—Ed.]

Lobelia cardinalis.—When properly cared for, I know of no plant that will prove more effective in the mixed flower border during the months of August and September than the Cardinal flower. Certainly none are richer in color. In order to give it an opportunity to fully develop itself it should be given a very deep, well-enriched soil, and an open, sunny situation; also, if convenient, a copious supply of water during its season of growth. This is one of our most beautiful native plants, and can be improved in size of both flower and spike by good cultivation. If it were a foreign species it would command a high price, and be much praised in the catalogues.

Chas. E. Parnell.

Floral Park, N. Y.

Aloysia citriodora.—In the October number of the MAGAZINE one of the ladies says she has no success with Aloysia citriodora. It is not a Verbena, and cannot be treated as one. I put mine in the cellar for the winter as I do some of my Geraniums, watering occasionally as they require. Set them out in the spring, and they soon throw out their leaves. It is impossible to make this plant retain its leaves during winter.

O. M. C. Holman.

Washington Co., R. I., Nov. 24, 1896.

SOME CACTI.

I RECEIVED only one new Cactus last spring. I got it from Mexico. It is a new plant, and I think is real pretty. Its name is *E. Trolletii*. I shall not attempt to describe it. Mine did not bloom last summer, but when I received it it had eleven seed-pods in the top, showing it to be a free-bloomer. My specimen is nearly four inches high and twelve inches in circumference.

Can any of the floral band tell me how old *O. frutescens* and *O. lurida* must be before they will bloom. I have a pretty specimen of the last named plant. I grew it from a small cutting that I got eighteen months ago. The plant is forked. This winter I cut the top out of it, and now it stands thirteen inches high. I admire it because it is so nicely branched. One of the main branches has twenty-three shoots, and the other has twenty-four, making in all forty-seven. If I had not taken any shoots off it for my friends, and the mice had not helped themselves to it I think it would have had seventy-five or more branches. But I do not think this plant is really *Opuntia frutescens*. All plants of that variety that I have seen had spines from an inch to an inch and a quarter long. The spines on this plant are about the size and color of those on *Opuntia lurida*.

I shall speak of another little *Opuntia* I have and admire. Most of the flat-leaved *Opuntias* that I have had I did not like very much, but I cannot say that of this one. Its joints are flat, and the longest one nearly five inches long by two wide. The upper joints are thickly covered with dark-red spines about an inch and a quarter long. It is only eighteen months old, but it has sixteen joints or leaves, and has grown twenty-one inches in all. It has not bloomed yet, and I do not know how old it will have to be before it does bloom, but I am in hopes that it may next spring or summer.

E. R. Cutchshaw.
Belmont Co., O., Dec. 14, 1896.

Protecting Plants From Frost.

—Many a woman who would gladly do so cannot keep plants in the window during winter because her rooms become freezing cold at night. To such the following well-tried plan is recommended. Procure a good-sized dry goods box, and attach the cover by means of hinges to form a lid. Leather strips will do for hinges. Line bottom and sides with several thicknesses of newspapers, overlapping them so there will be no chance for Jack Frost to enter. Line the lid also, letting the papers extend so that when closed they will overlap the sides. On cold nights set your plants in this box, and they will be safe. If space is limited this box may be neatly covered and used as a stand or reading table.

Mrs. Clara S. Everts.

Hinds Co., Miss., Nov. 9, 1896.

Plant Receptacle.—For a nice plant receptacle paint tin cans any color and roll them in clear white sand, coarse or fine.

Mrs. Hourigan

Council Bluffs, Iowa.

PANSIES.

I HAVE a bed of Pansies of which I get more blossoms than from any flower I have ever grown in the same amount of space. Last year they did not cease blooming at all, but it was during the months of January, February and March that they sent forth the most blossoms, and I have never seen anything to equal them in brightness and beauty. They are on the south side of the house, rather sheltered by a large oak tree, and are of the Imperial German and Park's Alice Pansy strains—nice, large, velvety flowers, some



with ruffled edge, and ranging from the purest white through all the shades of blue, red

and deep maroon to the black ones, which are the very blackest ones I ever saw.

In March we had snow to the depth of eight inches, and as usual we have no snow at all here. February had been so warm that the snow was a great surprise to all. Most of the flowers in the gardens, such as Roses, Geraniums, Lilies, Heliotrope, Cannas, etc., had started nicely during the genial days of February, and were further advanced than usual at that season of the year, so were in no condition to stand the snow and accompanying freeze, which was a "withering blast" indeed. The Lilacs were budded to bloom, and were frozen as they stood, so we had no Lilac blossoms last spring; the Rose shoots and buds were frozen; Geraniums but a mass of blackened leaves and stems, frozen to the ground, and some so badly that they never recovered; Candidum Lilies in exposed places looked as though they had been cooked; but the Pansies smiled forth just as brightly, minding neither frost nor snow. They were blooming under the snow, and some of the bright blossoms peeped through their white covering like jewels in a frosted setting. And when a neighbor died soon after the snow had gone my Pansies were the brightest flowers upon his grave. For we live in the country where flowers are not common, and in the few gardens around Violets, Pansies and Myrtle were about the only flowers that had withstood the cold.

Mrs. B.

Tehama Co., Cal., Nov. 28, 1896.

Growing Azaleas.—In growing Azaleas hard water must never be used to water them, lime being absolutely poisonous to these plants. Leaf loam mixed with sharp sand, or very sandy peaty soil will suit their requirements. The soil should be higher at the sides of the pot to ensure a slight hollow in the center, the Azalea roots forming such a fine mat that it is difficult for water to penetrate them, unless held in the hollow so that it may slowly trickle through. If the roots become dry the buds will drop.

Mrs. S. H. Snider.

Manitoba, Nov. 2, 1896.

GETTING READY FOR WINTER.

EXPERIENCE, dearest of all teachers, has taught me some needful lessons, and among them as most important I rank the one headed as above. It means that if one wishes nice plants for the window garden in winter it does not pay to wait until the cold weather is actually upon us, but we must commence our operations in sunny spring or summer weather. June is none too soon.

I slip Geraniums, Heliotrope, Lantana, and Begonias in June. Plants of Primroses, Cineraria, Calceolaria and Cyclamen are easily raised from seeds, which should be sown during June, and if any of the Floral Sisters have not grown them they should firmly resolve to do so this year. All are lovely, and from a paper of seeds costing but a few cents one can raise quantities of good plants. To be sure, the seeds are fine, and rather difficult to succeed with, but then I am a busy farmer's wife, with dairy, chickens and children, besides the ordinary household duties, so I do not have time to work with them as they need. But I have a little flower-loving friend who has wonderful luck with all fine seeds, and so I buy the seeds and she raises them on the shares. This is a fine plan. Try it, ye who can.

Anyone who is once persuaded to try the new method of starting new plants early, either from seeds or cuttings, keeping them in pots all summer, shifting, pinching, training, starving, forcing, as the case may require, and by so doing when fall comes has a fine, sturdy, thrifty lot of plants will not need to complain of non-bearing plants in winter. It just makes me sick to see the poor, miserable plants some people bring into the house when fall comes, expecting them to be or do anything, and then wail because they have "no luck with house plants."

Now, I don't want to brag, for I hate it; but I am just going to tell the exact truth about my plants in the hope that it may induce some flower-lover who does not have luck to go and do likewise. To begin, I bring my plants in early, the last of September or the first of October, before there is much fire heat in the house, so they become accustomed gradually to the change. My best windows are very shady in the fall until the leaves are off the trees. My plants have scarcely minded the change in-doors. Of course Geraniums, the crankiest of all plants as regards sunlight, show the effects of dull weather the most. I had over a dozen in full bloom when I brought them in. They finished beautifully, but as no more buds appeared I sent them upstairs to an east window. In a month or so they will begin again. My Umbrella Plant, Maranta, Rex Begonia and Farfugium are growing finely. These, of course, are all foliage plants, and are a grand quartette—so little trouble. My Callas are doing fine. I have a Cyclamen in blossom and full of buds, and two more little ones budded which have never blossomed. These were all raised from seeds. I have one large seedling Primrose that is a perfect beauty, and this is its third win-

ter. It is fern-leaved, and the foliage is simply magnificent. The blooms are large, fringed, and deep lilac in color. It has five bunches of buds and blossoms, and three crowns, one of which is not budded. My Sultana is full of buds, so is Marguerite Carnation. Heliotrope is budded. Lantana is full of blossoms. An Ivy Geranium has three big bunches; a tiny Fuchsia three big flowers; a Crab Cactus three years old has twenty-nine buds on it, some of which are nearly out; and four Chrysanthemums, red, white and yellow, are blooming finely. Now, is this not a brave show for the dreary month of November? And all my plants, including my Begonias, are so green and thrifty. I never put a plant in the ground that I intend to bring into the house. Oh, I tell you, dear Floral Sisters, there is nothing like getting things ready in time in the floral as well as in the work-a-day world.

Lulu D. Murray.

Saratoga Co., N. Y.

[NOTE.—Starting your winter-blooming plants early, using small plants at first, and shifting as the plants grow, and keeping the plants growing rather than blooming in summer are chief points in preparing plants for winter-blooming. A plant that is shifted ceases to form tops and develop buds for a while, but throws out numerous rootlets. After this growth of branches and foliage becomes vigorous, and the buds mostly appear when the roots begin to crowd in the pot, when the plant may again be shifted. By starting early, as suggested, then pinching out buds and the points of vigorous shoots, and shifting regularly, a fine lot of winter-blooming plants may be grown that will prove reliable and satisfactory.—ED.]

My Yard Flowers.—The greater part of my yard flowers last summer were a failure. But my Morning Glories at least were a success. How they did grow and bloom! I think our yard flowers did not get enough sunshine, but that did not seem to be a hindrance to them. They just kept growing and blooming until they were killed by the frost. I also planted some Cosmos seeds, and thought I would have a new flower to admire, as I had never cultivated any, nor even, to my knowledge, seen any. But I was greatly disappointed in them, as they did not bloom. I think our summers are too short for this flower, for in a few days after planting they came up and grew very rapidly, and when frost killed them they were about five feet tall and full of buds. E. R. Cutchshaw.

Belmont Co., O., Dec. 14, 1896.

[NOTE.—Some persons report favorably upon the method of sowing seeds of Cosmos where the plants are to bloom. It is claimed that when thus grown the plants bloom much earlier than when the seeds are sown in the nursery bed and transplanted.—ED.]

Cacti.—Cacti should not be watered during cold weather unless they show indications of shriveling. At this season of the year they should be given a rest, or they will not bloom. In their native homes they have a very long drought of from six to eight months. Then for the remainder of the year it rains almost every day, and then the plants commence to grow and bloom in profusion. Cacti will not bear frequent waterings as Geraniums and other house plants do. C. E. P.

Floral Park, N. Y.

ABOUT COSMOS.

RICINUS ZANZIBARIENSIS.



THIS summer I had some Cosmos for the first time. I tried to get the plants started in the house, but they came up only to damp off and die. So I sowed some out-doors at the same time I sowed other seeds. They grew and were lovely plants. They began to bud in October, on the approach of frost. I set them into large pails, and they blossomed in the house. They are easy to transplant, and the beauty of both plant and blossom repays all trouble. Do not fail to try some, dear sisters. Those I had were pink and white.

Mrs. P. L.
Kipton, Ohio.
Dec. 18, 1896.

The Medium-flowered Petunias.—Among the cultivated flowers, for an all around flower the Petunia has no superior. It is always in blossom from the time it is a tiny plant. It does not seem particular

as to soil or situation, and will blossom alike in shade or sun, giving deeper-colored, richer blossoms in partial shade, and a greater abundance of bright-colored flowers in the sun, and will bravely withstand a number of frosts before giving up. A bed of these lovely, fragrant flowers has been my delight all summer. They are medium-sized, red, white and blotched, and I have gathered bouquets without end for myself and friends.

Mrs. E. F. Inman.
Douglas Co., Ore., Oct. 25, 1896.

Belladonna Amaryllis.—I received my Belladonna Lily, a solid, large, dry bulb, and planted it in April. It did not show any signs of life for six months. In exasperation one day I turned it out of the pot, and behold a third of the pot was full of strong, fleshy roots. I replaced it and carried it down the cellar. In a few weeks I noticed it growing, sending up leaves like other Amaryllis bulbs. So I brought it up, watered thoroughly and set it in the sun. It now has three leaves, and I'm watching it with "great expectations." I find that moving any of the Amaryllis family will check the growth or development of the plant. Mrs. C. G. Fletcher.
North Yakima, Wash.

DON'T forget to plant some seeds of this splendid new Ricinus for the garden this year. They will germinate more quickly if sown in pots or boxes in the house where they can be kept moist and warm all the time. Sow them far enough apart that when one is transplanted the others will not be disturbed. The seeds are so pretty it seems a shame to bury them in the soil. Some of them are scarlet, black, brown and white, and beautifully mottled and marked. The leaves are immense in size. In rich soil and given good cultivation they frequently attain the width of two feet or more, and are handsomely lobed. In the rich soil these plants require, and abundance of moisture, they grow twelve feet high in a season, with the superb



RICINUS.



leaves growing thickly from the top to the bottom, and forming a perfect pyramid. When the leaves are young they are purple brown in color. As they become larger,

however, they change gradually to a rich green with reddish ribs. Planted singly on the lawn the effect of this Ricinus is grand.

At the recent Industrial Exhibition at Erfurt, Germany, this variety was exhibited side by side with the older varieties, and pronounced the finest ornamental foliage plant on the grounds. Some of the plants are said to produce light green leaves with whitish ribs, forming a superb contrast with the darker foliage of the others.

Mrs. S. H. Snider.

Napinka, Manitoba.

[NOTE.—Above are shown some seeds of this new Ricinus, illustrating the markings which appear on them. The letters *g*, *r*, *b* and *w* are for green, red, black and white, and indicate the most prominent color of the markings on each seed.—Ed.]

Green-flowered Dahlia.—Early last spring I received a root of the above from Holland, and it is in bloom at this writing. It is a very curious-looking flower, about the size of a silver quarter and as double as a Rose. Its color is bright green. I did not know that it was in blossom until I examined the plant closely, for the blossoms look so much like the foliage. I have showed it to many who say they never saw anything like it. It is a genuine Dahlia, of dwarf habit, and has leaves like other Dahlias.

F. B. Swift.

Fairfield Co., Conn., Aug. 10, 1892.

Park's Floral Magazine.

A MONTHLY. ENTIRELY FLORAL.

GEO. W. PARK, Editor and Publisher,
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THE EDITOR invites correspondence with all who love and cultivate flowers.

JANUARY, 1897.

FROM THE EDITOR.

TWENTY-SIX years ago the first number of this MAGAZINE appeared, a little eight-page sheet with a circulation of 200 copies. Many have been the ups and downs in the life of the Editor and publisher since that time, but he reviews with pleasure the scenes of his busy life, and the growth of the business venture of his boyhood's days. Little did he think then that the work so humbly begun would swell to the proportions it assumes to-day, or that the little journal then brought out would enlarge in size and swell in circulation till the regular monthly edition should exceed 300,000 copies, as it does to-day.

But the work, dear friends, is still progressing, and in the vigor of manhood the Editor and Publisher is using increased energies to make the MAGAZINE more popular, more useful and more influential. The present number, you will notice, is printed from new type, plain in face and easily read, while its compactness enables the Editor to give more information in the reading columns than ever before. Other changes and improvements will be made from time to time, and it is hoped that even greater achievements may be secured in the future than in the past.

With the prosperity thus realized the Editor is not unmindful of the help afforded him in various ways by his hosts of friends throughout the world, nor is he unmindful of the fact that their many kind and encouraging expressions have added much to the enjoyment of his life-work, and stimulated an earnest desire to merit the praise bestowed upon him. In entering this glad new year he, therefore, desires not only to assure his friends of the sincere regard in which they are held, and to wish them a Happy New Year, but also to express his heartfelt gratitude to them for the favors and kindness received from time to time, and the words of cheer which have done so much to lighten the labors of an active and arduous business life.

To Get Rid of Insects.—Dust the troubled plants with insect powder, and cover the soil about the plants thickly with chopped tobacco stems.

SANSEVIERA ZEYLANICA.

THIS is a handsome succulent plant which grows rapidly with but little care, and makes a fine appearance in a window collection. It is propagated from a leaf, which, if cut off and inserted in moist sand will produce a young plant at its base. When the young leaves begin to push up take the little plant up, remove the old leaf and insert again, and pot the plant in porous, well-drained soil. It likes a rather sunny position and plenty of water while growing. In winter keep the soil barely moist, otherwise the plants may damp off. Shift into a larger pot as the plant grows, and the development of the leaves will be much more rapid. For some years past this plant has been in great demand, and florists have scarcely been able to increase their stock fast enough to accommodate their patrons. Its oddity, beauty and ease of culture have made it popular.

Chionodoxa.—A subscriber in Ohio wants to know how Chionodoxa is accented, and whether it is hardy. Nicholson's Dictionary divides and accents the word thus: Chi-o'-nod-ox'-a. The plant is bulb-



CHIONODOXA.

ous, perfectly hardy, and blooms very early in spring. A clump of it makes a fine display, as represented in the engraving. The flowers are violet-blue, borne upon succulent, rosy stems.

Are Primroses Poisonous?—This question is asked by a sister in Massachusetts. The Editor has had experience with plants of Chinese Primrose for many years, and has handled them in great numbers, and his numerous employes have handled thousands, and he has yet to hear of anyone being poisoned by them. The *Primula obconica*, however, is poisonous to some persons if continuously handled in packing. The roots seem to be the poisonous part, and when these are washed to pack or facilitate the division of the plants the hands and arms of the workman exposed to the water for several days in succession become poisoned, and the whole body is soon affected. The Editor has never known a case of poisoning to occur with this plant where only a few specimens, such as are found in the window or conservatory of the amateur, were handled.

CALIFORNIA PEPPER TREE.

A SUBSCRIBER from Lee, Massachusetts, sends the following enquiry:

Mr. Editor:—Please give further information regarding the California Pepper referred to in the October number of the MAGAZINE by a correspondent from Idaho.

Lee, Mass., Nov. 30, 1836.

A. W. M.

The California Pepper Tree, *Schinus molle*, is a half-hardy evergreen of the Sumac family, and was introduced from Brazil in 1597. It is called Pepper Tree be-

In California the Pepper Tree grows from twenty to thirty feet high, with wide-spreading branches. In Pasadena they are used as shade trees. In a colder climate, however, they need protection in winter, and can only be used as ornamental pot plants. The flowers are yellowish green in color, and not very attractive; but the large fruit-clusters are rosy-red and very showy.

Starting Evergreen Seeds.—The proper time to sow seeds of Red Cedar and

most other coniferous plants is in early spring. A compound of leaf-mould and sand suits them. Make the earth fine, pack it well, and sow in rows, covering only an eighth-inch deep. The bed should be well shaded the first year, and the young plants should not be disturbed. The second year transplant in the spring into nursery rows and cultivate during the season. The third year set the plants out again in rows, or plant them where they are to stand. Coniferous plants have naturally large roots, but transplanting will make them compact and fibrous, so that the oftener they are transplanted the easier they are to remove, and the more certain to grow. Remove the husk before sowing the seeds. This requires some labor, but promotes early and regular germination.

—○—
Scale.—Mrs. D., of Oklahoma, sends a spray of Sword Fern which is literally covered with scale, and wants to know how she can eradicate the pest. She should cut the fronds at the surface of the ground and burn them. In a little while new, vigorous fronds will appear which will

be free from the pest. If the old fronds are allowed to remain they will die from the ravages of the enemy, and other plants may then be attacked. On this account the sooner the fronds are burned the better.

Lilium Harrisii Hardy.—This Lily is hardy in Southern Pennsylvania when planted eight inches deep in a sheltered bed, and the plants will become stronger and bloom better as they become older and better established. It is claimed they are hardy even farther north.



SCHINUS MOLLE—CALIFORNIA PEPPER TREE.

cause of the clusters of small, pepper-like fruit which it freely produces in autumn.

The seeds germinate readily, and the plants grow rapidly, soon becoming handsome shrubs or trees. The foliage is compound, each leaf being of graceful shape, and composed of numerous serrate leaflets, not unlike the common Sumac. They are charged with a resinous, fragrant fluid which is readily freed when disturbed. If the leaflets are placed in a dish of water the discharge of the little resinous pores is so violent as to place them in motion.

CLITORIA MARIANA.

FROM Lawrenceville, Georgia, comes a flower specimen with the following note:

Mr. Editor:—I enclose some seed pods and a blooming branch of a plant I wish named. I have never seen a plant like it described in catalogues, and the only one I know of is in my back yard where it has attracted a good deal of attention. Last year it bloomed in the greatest profusion from the first of July until the middle of November, and this year, the season being a month earlier, it began to bloom the first of June and gives every promise of continuing until frost. It seems to thrive on the roughest usage, and does not mind in the least being scratched over and trampled upon by the poultry. Earlier in the season the flowers are quite large, and vary in tint from pale lavender to deep heliotrope. Everybody who sees them admires the flowers, but no one seems to know what to call them. It was suggested to me that if I would bring the flower to the notice of some florist he would be able to tell the name, and also know its value as a blooming plant. All agree that a plant which blooms continuously for over four months and bears cutting so well is worthy of cultivation. Lawrenceville, Ga., Sep. 8, 1896. J. W. C.

The papilionaceous flower and leguminous seed vessel indicated at once that the plant belonged to the Natural order Leguminosæ, and was a near relative of Phaseolus or Kidney Bean. Its name was found to be *Clitoria mariana*, a native per-

GRASS OR GARDEN PINKS.

THE Grass or Garden Pinks, *Dianthus plumarius*, are easily propagated from seeds. Sow them in the spring, and when large enough transplant to a sunny border of tenacious soil. A limestone clay soil suits them well, and if the bed slopes to the north all the better, as with such exposure the plants are not liable to injury from the changes of temperature during the spring months. In the autumn it is a good plan to mulch the bed with a coat of stable litter. In the spring this can be worked into the soil, and will prove beneficial to the



growth of the plants.

Grass Pinks started from spring-sown seeds will begin to bloom the following season. The plants are perfectly hardy, stool out freely, and if set eight inches apart along the margin of a bed they form a dense, grass-like border, appearing as a sod of silvery green, the plants increasing in size and beauty from year to year. This Pink is more dwarf than the border Carnation, and blooms much earlier. Most of the flowers are marked with a zone of rich color, but the ground colors vary from white to rich red, and the flowers vary in form, some single, some double, some plain, some fringed. All are deliciously clove-scented, and make a fine display in the garden. For personal adornment or for floral designs they are admirable and much prized. They bloom throughout the early summer months.

Geraniums in Winter.—To have Geranium flowers in winter take cuttings in midsummer, insert in sand in a shady place till rooted, then pot in three-inch pots. As soon as the roots begin to crowd shift into four-inch pots, and later into five-inch pots. Pinch out the central bud of strong shoots to encourage a bushy growth, and take off all bud-clusters as they appear during autumn. When winter approaches the plants should be partially root-bound, which will encourage the formation and development of buds, and if the variety is of a free and continuous-blooming habit, in a warm, sunny window in winter the plants should yield an abundance of flowers.

Protecting Roses.—Roses may be protected by placing a board frame around the bed, banking with earth, and covering with a glass sash sloping northward. During mild weather remove the sash, and on bright days lift it for ventilation, to keep down the temperature and prevent growth. In Kentucky the everblooming Roses will winter safely without protection, provided they were planted in the spring and are well established. A loose covering of evergreen boughs put on in December or January will mostly prove more satisfactory in a mild climate than a sash frame, while it will not require any attention during winter. Remove this in the spring.



CLITORIA TERNATEA.

ennial found in the southern Atlantic coast States. The flowers are larger than those of the garden Bean, and only two or three flowers are borne together. The leaves are composed of three leaflets with stipels, and the campanulate calyx has five-pointed lobes, and is subtended by two small, opposite bracts. The illustration will give some idea of the form of the leaf and flower, though representing *C. ternatea*, a species introduced from India.

Buds Dropping.—The Jerusalem Cherry and Fuchsia drop their buds when the water becomes stagnant in the soil about the roots. To avoid this see that the drainage is good; and to revive the plants use water slightly warmer than the hand will bear, and with this water thoroughly, then let them stand till the soil almost dries out. Too dry an atmosphere or drought at the roots will also cause the buds to drop.

QUESTIONS AND ANSWERS.

Lychnis.—Mr. Park: I enclose seeds of a perennial flower resembling Sweet William. Will you please give me its proper name?—A. H. S., N. Y.



Ans.—The seeds enclosed indicate *Lychnis chalcedonica*, a really handsome hardy perennial of the Pink family. It resembles Sweet William to such an extent that it is sometimes erroneously called by that name. The little engraving shows a head of the flowers.

Geraniums and Roses.—Mr. Park: Please tell me why Geraniums must not be planted near to Roses.—Mrs. A., Texas.

Ans.—The Editor has grown Geraniums and Roses successfully together. There is no reason why they should be planted apart, so far as growth and bloom are concerned.

Goldfussia.—Mr. Park: What is the Goldfussia like? Is it a garden or house plant? Does it bloom, and when? Please tell me all about it.—Mrs. T. E. S., Ill.

Ans.The "Goldfussia" is a species of *Strobilanthes* known as *S. anisophyllis*, and is a desirable winter-blooming window plant. Its dark-colored,



pointed foliage is dense and handsome, and the large, lavender flowers are freely produced. The plant is of easy culture, and thrives and blooms well under the amateur's care. See engraving.

Achimenes.—Mr. Park: I saw (while looking over some of the old *FLORALS*) in April number, 1887, a description of a moss basket of *Achimenes*. I would like to know if any of the tubers are set in the top of the basket. The notes only speak of setting them in the bottom and sides and filling in with good soil. Is it necessary to dry the tubers off? If so, when should they be stored?—Alphonsine, Ohio.

Ans.—The *Achimenes* should be planted in the top of the basket as well as in the sides and bottom. In autumn allow the basket to dry out and hang it in the cellar till early spring, then change the soil or replant.

Calla.—Mr. Park: We have a *Calla* three years old that has not bloomed. It is a large, thrifty plant. We keep the pot sitting in hot water, and have repotted it. How shall I treat it to have it bloom?—Miss K., Ohio.

Ans.—If the plant does not bloom during the winter or spring turn the pot upon its side in a shady place and let it so remain till September, then repot in fresh soil, using a pot five or six inches in diameter, and placing the crown of the bulb an inch below the surface. In a little while the pot will be full of roots and buds will appear. Keep the plants well watered while growing and blooming.

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GOSSIP.

Dear Band:—All of my spring flowers were
grand. My Tulips and Hyacinths were never
better. I think Platycodons grow better with
age. Mine never did as well as this year. My
Cosmos were from self-sown seeds. The first
bud opened the 18th of June. I had Cosmos,
mauve pink in color, from then till frost. The
Cosmos borer destroyed my best plants. I trans-
planted some of the plants, which commenced
blooming just before the first frost. My Paeonies
were grand. I had ninety-three spikes of Lili-
um candidum, and the flowers were lovely. I had
sixty shades of Gladioli. My Asters were very
fine. The root lice destroyed all of my branching
Asters, while other varieties were let alone.
Phlox began blooming in June and continued till
the 10th of November. I call the Rudbeckia la-
cinata fl. pl. the best yellow flower I have ever
seen. My Japanese Spirea did better this year
than usual, and my Marigolds were at their best.
Lorain Co., O., Nov. 28, 1896. F. B. N.

In Florida.—My Rose garden is a mass of red,
white and yellow bloom to-day. Paul Neyron,
Marechal Neil, Madam Lambert, Lamarque, Hon.
Elith Gifford vie with one another. Beau Car-
mine Rose is a mass of red; I have fifty bushes of
it. I also have Gladioli and Violets in bloom.
Molino, Fla., Dec. 8, 1896. W. H. Trimmer.

Mr. Park:—When my friends say "How can
you fuss over so many house plants all winter?"
I tell them that most of the flowers that I am
caring for do not attain their beauty until several
years old. But for all that some let their plants
freeze every winter and start from cuttings in the
spring. Of course, some varieties will grow and
bloom the first year, but are not as satisfactory
as they would be if kept over winters. Those
who have little ones to help pass the time away
do not know how much comfort anyone can take
in flowers if they are alone and far away from
friends and neighbors. I try to obtain some new
plants or bulbs each fall, then when the cold
wintry days come I can enjoy watching the
growth or seeing the flowers of the new plants.
There are people who do not care for flowers—I
mean the raising and fussing. I assure you it is
not hard work. Perhaps it is a hobby, but I
think a good one, both interesting and instruct-
ive. Ima.

Geauga Co., O., Dec. 15, 1896.

Little Gem Calla.—A year ago last September I
purchased a Little Gem Calla, which, when it ar-
rived, was so minute with only its two small
leaves that I began to feel discouraged at even
the first sight of it. Patiently and anxiously I
awaited the results. But seeing the leaves die al-
most as soon as they came, and the plant not try-
ing to do its best, I concluded to repot it just as
soon as spring arrived. As yet it has not "blos-
somed." It has but two small leaves, not an
inch wide. Will some of the experienced Floral
Sisters advise me how to treat it? Lulu B.

Lorain Co., O., Nov. 9, 1896.

HALL'S Vegetable Sicilian HAIR RENEWER.

The best hair grower, color
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QUESTIONS.

Chrysanthemum Culture South.—I wish full directions for the profitable culture of Chrysanthemums for the northern markets. How are the plants propagated, how treated and trained while growing and blooming, how forced?—C. S. E., TONGALOO, Miss.

Roses.—Why is it that some of my Rose bushes are loaded with buds for weeks, then the buds turn yellow, dry up, and do not open. What treatment will develop the buds?—Mrs. B., Va.

Matrimony Vine.—I find the Matrimony Vine a great nuisance. I have cut it to the ground several times and pulled it up by the roots, but it thrives under this rough treatment, and has taken possession of the side of the house. How shall I get rid of it?—Mrs. S., Iowa.

Magnolia.—I have a Magnolia tree four years old, about three feet high. How shall I treat it to have it bloom, and how can I start cuttings from it? It was brought from New Orleans.—Mrs. Haryer.

Fuchsias.—I wish some of the ladies would tell me something about the culture of Fuchsias. I have, upon an average bought a dozen plants each year for three years, but haven't half a dozen now. Brown spots appear upon the leaves, they turn yellow and die, and soon the whole plant is dead.—P. W. S., Va.

Carnations.—I should very much like to read an article on Carnation culture without a greenhouse. Will someone give us some good, practical information on this subject before it is time to sow the seeds?—J. L. H., Iowa.

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No fits after first day's use of Dr. Kline's Great Nerve Restorer. Free \$2 trial bottle and treatise sent by Dr. Kline, 931 Arch St., Philadelphia, Pa.

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New race hardy perennial Dwarf ever-blooming sweet-scented roses from Seed. Sow seed in March and these little Midgets will bloom in the open ground in May and continue in flower until frost. For beds and borders they are charming. In pots they are covered with clusters of lovely pink roses.

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 " New Lady Gunter Nasturtiums, large, brilliant; 15 seeds.
 " Physalis Franchetti; new, ornamental and confection fruit.
 " Double Grandiflora Sweet Peas, 7 named kinds; 80 seeds.
 " Cupid Sweet Pea, dwarf, new white; 30 seeds.
 " Early Large Flowering Cosmos; new; 50 seeds.
 " Golden Glory Calliopsis; new, very large; rich yellow.
 " Japanese Imperial Morning Glory; 10 seeds.
 " Japanese and Chinese Chrysanthemum Seed.
 " Ostrich Feather Cockcomb; new; 100 seeds.
 " Scarlet Pansies; bright red; 100 seeds.
 " Aster; new sulphur yellow; 50 seeds.
 " Canna, Large Flowering Dwarf French; 15 seeds.
 " Filifera or Weeping Palm; 10 seeds. Grand Plant.

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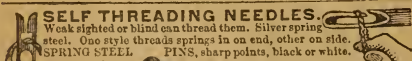
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AGENTS! We furnish sample Chopping Knives free. Immediate sellers. Write, postal will do. **RUNDELL M'Y.**, Corning, N. Y., or Lyons, Iowa.

QUESTIONS AND ANSWERS.

Ixia, Sparaxis, Ranunculus.—Mr. Park: Should bulbs of Ixia, Sparaxis and Asiatic Ranunculus be bedded out this fall, or kept till spring and planted?—Mrs. H., Wash.

Ans.—If your climate is mild these bulbs may be all bedded out at once. If severe, pot the Ixia and Sparaxis and keep in a dark, cool cellar till spring. The Ranunculus can be kept dry till early spring, then planted out. The Ixias and Sparaxis bloom well in the window when well started in pots.

Rubra Begonia.—Mr. Park:—What shall I do with the canes that have come up beside my Begonia rubra? I have been told they would break into bloom after a time; others have advised me to cut them down close to the earth in the pot. I would be glad to have your method of dealing with them.—Mrs. Jones, Mass.

Ans.—Let the new shoots which spring from the roots of Rubra Begonia grow, and in due time cut away the older stalk entirely, and let the new ones monopolize the strength of the plant. If made into cuttings the stalk removed will yield a fine lot of young plants which will delight the friends and neighbors to whom they may be given.

MAGAZINE APPRECIATED.

Mr. Park:—I have been reading my Magazine this morning, and I laid it down with the same feeling I always have—there is not half enough of it. I wish you would make it four times as large, and send it twice a month.

Mrs. E. B. M.

Saratoga Co., N. Y., Nov. 30, 1896.

Mr. Park:—Your Magazine is delightful. From its pages I have gained much helpful information. The premium bulbs are grand, and we have had splendid success with them.

Mrs. W. T. P.

Ballinger, Texas, Sep. 26, 1896.

Mr. Park:—I have been a reader of your Magazine for a number of years and like it better than any other flower-book I have ever read. I shall renew as soon as my subscription expires.

Mrs. Jos. Gibbs.

Muscataine Co., Iowa, Dec. 1, 1896.

A COUGH, COLD OR SORE THROAT requires immediate attention. "Brown's Bronchial Troches" will invariably give relief.

Consumption Cured.

An old physician, retired from practice, had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma, and all Throat and Lung Affections, also a positive and radical cure for Nervous Debility, and all Nervous Complaints. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all who wish it, this recipe in German, French or English, with full directions for preparing and using. Sent by mail, by addressing, with stamp, naming this paper, **W. A. NOYES, 520 Powers Block, Rochester, N. Y.**

QUESTIONS AND ANSWERS.

Dahlias.—When Dahlias raised from seeds produce no tubers the first year can they be preserved by taking the roots up and placing in a frost-proof place.—Mrs. J.; Oregon.

Ans.—Such plants may be kept over in soil, giving only enough water to prevent the shriveling of the roots.

Roses.—Why do my house Roses not bloom? I keep them in the south window of the kitchen. I bought them last spring from a leading nursery, tiny things with only two or three leaves, but all had good roots. I planted them in a mixture of barn yard earth and sand, and during summer weather kept them out-doors where they were shaded at mid-day. I brought them into the house on the approach of cold weather. I have applied weak manure water several times. The bushes are large and thrifty, and show no signs of disease, but the few buds they produce blast before they are fully developed. The plants are putting forth leaves, but they refuse to bloom.—Mrs. A. E., Minn.

Ans.—Work a little bone-dust into the soil, and cease using manure water. Give a sunny position. With this treatment the plants ought soon to come into bloom.

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Flower Food.
Invigorates
House
Plants

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Good Needles, per paper, . . .	1	Silver plated Tea Spoons, worth \$1.00 a set, . . .	13
Oil Sardines fine ones, per can, 31-2	2	Large size Stew Kettles, each, . . .	13
Men's Windsor Neck Ties, . . .	2 1-2	Chocolate Caramels, 13 for . . .	1
Fine Laces from 1-2c. per yard up	14	Good Blueing, sifting boxes, each 1	1
Boys' Knee Pants, all sizes, . . .	14	Yuccatan Gum, box of 100 sticks, 42	12
Children's Shoes, worth 90c., . . .	39	Fine Caramels, per lb., . . .	13
Infants' Shoes, worth 60c., . . .	23	Chocolate Drops, Cherry Beans, . . .	1
Boys' \$1.50 Button Shoes, . . .	73	and Wintergreen Berries, lb., . . .	10
Women's \$1.35 Button Shoes, . . .	73	Best Broken Rice, per lb., . . .	3
Men's well-made \$2.25 Congress Shoes, . . .	98	Best Albert, per lb., . . .	2 1-2
Men's Solid Working Shoes, . . .	60	Prince Albert or Cutaway Coats, worth \$12.50 (each measure), (2) 43	2
Women's Oxford Tie Slipper, worth \$1.40, . . .	60	Gold-headed Umbrellas, w'd \$1.75, . . .	60
Ruching, Black, white or cream color, worth 10c. per yard, . . .	60	Fast color Turkey-red Talc, . . .	20
Good Curling Irons, . . .	2	10 quart Tin Pail, worth 50c., at 2 quart covered Tins, worth 15c., . . .	6
Cedar Lead Pencils, per dozen, . . .	2	Nice Pocket Combs, in case, . . .	2
Brushing Tip Lead Pencils, doz., . . .	6	Men's Fine All-wool Overcoats, worth \$20.00 each, at . . .	3 40
Wood-back Horse Brush, . . .	35c.	Fancy Tea Dust, very best, lb., 9 1-2	1
Leather-back Horse Brush, . . .	35c.	Shalier Flannel, 12c. quality, yd., 6 1-2	1
Good Line of Harness Snaps, per dozen, . . .	13	Fine Cigars (5 in box), per box, . . .	68
Men's Tennis Flannel Shirts, . . .	18	Nice Dress Buttons, per dozen, . . .	1
Boys' Knee Pants Suits of Clothes, . . .	80	Men's Heavy Knit Jersey Shirts, with collar and pocket, . . .	29
Men's well-made Jean Pants, . . .	49	Boys' good warm Caps, worth 50c., . . .	1
Men's Suspenders, good ones, . . .	49	Men's Velvet Silk Embroidered Slippers, worth \$1.25, . . .	49
Good Smoking Tobacco, per lb., . . .	10	25c. Paper Bound Novels, 1 inch . . .	5 1-2
Good Plug Tobacco, per lb., . . .	21	Good, heavy Envelopes, any amount, 10 for . . .	1
Fine, per paper, . . .	8	Heavy Note Paper, any amount, 8 sheets, . . .	1
Boys' Wool Hats, worth 60c., . . .	16	Good Shoe Blacking, w'd 5c. box, . . .	1
Men's Wool Hats, worth 75c., . . .	29	Men's Underwear, from 23c. up	1
A good pair of Shears, . . .	2	Webster's Unabridged Dictionary, 1300 pages, worth \$5.00, at . . .	89
Good Machine Thread, per spool, . . .	2	Nice Infant's Bonnets, worth 40c., . . .	9

We have bargains in everything. Goods will be sent by mail if enough money is sent extra to pay postage. We will sell you any amount you want, no matter how small or how large the order. Good live agents can make \$10 a day selling our goods, as they are so very cheap, you can undersell everybody. We do a wholesale and retail business.

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* SEND us your address and we will make you a *
* present of the best Automatic **WASHING** *
* **MACHINE** in the World. No wash-board or tub *
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* We also give a **HANDSOME WATCH** to the *
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A GIFT TO AGENTS

TO prove the merits of our "Wonder" Egg Beater will present one free to every agent sending 6c. for postage. It is the delight of the housekeeper and a regular mortgage raiser for agents. Retails for **15c.**
GEO. C. VINCENT, MGR., 25 Randolph St., Chicago.
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ASTHMA SURE CURE

I have a **sure, safe and speedy cure** for that distressing and dangerous disease, **asthma**, no matter how deep seated it may be. To convince any sufferer of its great virtue, I will mail a **trial package free**. Relief is instant and complete cure certain. Write at once to **F. G. KINSMAN, M.D., Box 617, Augusta, Me.**

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The great G. M. A. Costs nothing to join! his grips, passwords, secret signs, badges, funny initiation. Send your name and names of several boys you think will join; enclose stamp. Address **THE SYRAN, 25 Marion St., Oak Park, Ill.**

Writers Wanted to do copying at home. **SUPPLY CO., Box 1204, Lima, Ohio.**
\$5.00 per 1,000 for distributing circulars; enclose 4c. Globe Advertising Ass'n, N. Y. City.

WATCHES GIVEN AWAY.

To the person sending the largest club of trial subscribers previous to February 15th, 1897, I will present one of the beautiful watches illustrated on this page. Each trial subscriber shall pay 10 cents for the MAGAZINE three months and will get the premium of fourteen packets of Choice Flower Seeds offered on the title page of this issue. This

premium does not affect the premium of seeds offered for clubs, but is a special additional premium. These watches are first-class timepieces, and are in every way reliable. They are just such as are retailed by jewelers at \$10.00 to \$12.00. The descriptions given are those of the manufacturers. Send in your orders as fast as they are received, and then send your statement with the last installment, so that the award can be readily made. One of these beautiful watches will be given away on the 16th of each month, commencing in February, to the person sending in the largest number of trial subscriptions during the thirty days previous to date of award, and the successful contestant will be named in the succeeding issue of the MAGAZINE. The contest for the award for February is open from now until the 15th of February. Following are descriptions

of the watches:
NO. 1.—Gents' or Boys' Solid Silver Watch, open face, stem wind, stem set, engraved backs, inside cap, bridge movement, compensation balance, good timekeeper. Price \$8.00.

NO. 2.—Ladies' Solid Silver Watch, stem wind, stem set, open face, fancy engraved backs, inside caps, jeweled escapement, bridge movement, compensation balance. Price \$8.00.

NO. 3.—Ladies Extra Fine Quality Solid Silver Chatelaine Watch, open face, stem wind, stem set, extra heavy case, inside cap, gold crown, nickel jeweled movement, a perfect timepiece. Price \$8.00.

NO. 4.—Open face, nickel-plated case, stem wind, stem set, heavy beveled crystal, American lever movement, protected by dust cap; fully timed and regulated, and guaranteed to be a reliable timepiece. Price \$1.50. This watch given as a premium for 50 trial subscriptions at 10 cents each or 10 yearly subscriptions at 50 cents each.

NO. 5.—A cheaper watch but reliable timepiece, worth \$1.00, will be given for thirty 10-cent trial subscriptions, or six 50-cent yearly subscriptions.

SECONDARY PREMIUMS.

To the person who sends in the second largest list I will send Watch No. 4.

For the fourth largest club a pair of Park's Excelsior Pruning Shears, a tool that is indispensable for pruning.

For the fourth largest club I will send "Little Flower Folks," a delightful volume presenting the elements of Botany in the most attractive form.

For the fifth largest club received during the month I will send "Bulbs and Bulbous Plants," a well-illustrated pamphlet on bulb culture.

All the premiums will be promptly mailed at the close of the month, as soon as the awards are determined, and the names of the successful contestants will be made known in the following issue of the MAGAZINE. Each 60-cent subscription will count as five 10-cent subscriptions. If preferred the 10 packets Choice Vegetable Seeds, offered on another page, may be substituted for the 14 packets of Choice Flower Seeds. Blank lists, sample copies, and all further information free to those who apply.

Now, let the friends of the MAGAZINE go to work. Who will be the first successful contestant for the prizes this year, and how large will be the clubs? Those who have received prizes heretofore have without exception expressed entire satisfaction. Will your name be among those in the lists of names to be published each month. This question will be answered in the MAGAZINE each month. Go to work at once and secure one of these nice watches. Address

GEO. W. PARK, Libonia, Franklin Co., Pa.

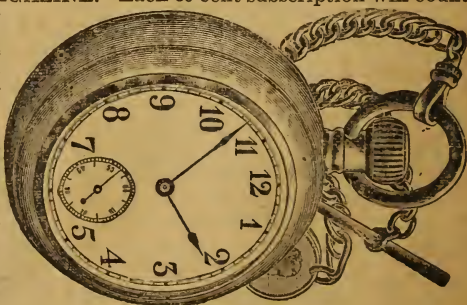
PARK'S FLORAL GUIDE for 1897, revised, beautifully illustrated and neatly printed, abounding with accurate descriptions and practical floral notes, is sent free with every premium collection to trial subscribers. Free to prospective seed-buyers. Write.



NO. 2.



NO. 3.



WATCH NO. 4.

QUESTIONS.

Mildew on Phlox.—My plants of Phlox Drummondii were badly mildewed last year. This disease is sometimes caused by setting the plants too closely, but this was not the case with mine. Will someone give a remedy?—S. J. F., N. H.

Roses.—I would like to have more information about Roses, their hardness, propagation and culture.—Mrs. M., Ky.

Parma Violets.—Will someone please give instructions for cultivating Violets for northern markets. How are plants propagated and cared for?—C. S. E., Tongaloo, Miss.

Grevillea.—Is Grevillea robusta hardy at the North. The catalogues claim that it is. Will someone who has grown it out-doors at the North please answer.—Mrs. H., N. J.

Dahlias.—On one Dahlia bush last summer I had white and red flowers on the same stem, and on another bush pink and purple flowers. Can anyone explain this?—R. F., N. J.

Mr. Park:—I cannot do without your Magazine. It is just splendid. Every lover of flowers ought to take it. Mrs. F. A. Hopkins.

Eastland Co., Tex., Nov. 25, 1896.

Mr. Park:—I never expect to be without your Magazine—it is such a valuable "reminder" of plants which we are apt to overlook each season.

Mrs. E. M. Jones.

Leffore Co., Miss., Dec. 8, 1896.

ICURE FITS

When I say I cure I do not mean merely to stop them for a time and then have them return again. I mean a radical cure. I have made the disease of FITS, EPILEPSY or FALLING SICKNESS a life-long study. I warrant my remedy to cure the worst cases. Because others have failed is no reason for not now receiving a cure. Send at once for a treatise and a Free Bottle of my infallible remedy. Give Address and Postoffice address.

Prof. W. H. PEEKER, F. D., 4 Cedar St., New York

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when hens are fed green cut bone, cut by the Improved '96

MANN'S

GREEN BONE CUTTER

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For CORN and COBS, FEED, and TABLE MEAL. Improved for '96-'97. Send for all mills advertised. Keep the best—return all others.

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We number among our representatives a vast number that make big money working for us in spare moments. Kindly investigate, particulars free, and if you desire a Souvenir we will mail a valuable sample of our goods in Solid Silver upon receipt of three two cent stamps for postage etc. Address Standard Silver Ware Co., Boston, Mass.

MENTION PARK'S FLORAL MAGAZINE

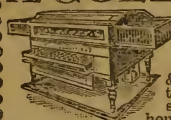
Illustrated Buttons



My girl is very fly. Do you wear pants? Don't pull my leg. Are you in the swim? Don't be a hog. Up to date. Don't be an ass. Keep your shirt on. I have my eye on you. Don't monkey with me. I'm laying for you, all with pictures, 12 for 20cts. All Combs and Motto Buttons, 2 for 5 cts., 5 for 10 cts., 12 for 20 cts., 100 for \$1.00. Catalogue for stamp. Big money for Agents. AMERICAN SUPPLY CO., 94 Arch St., Boston, Mass.

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is about the actual worth of our new book on Incubation and Poultry. Contains a full and complete description of the Reliabil Incubator & the Brooder of same name, together with cuts and instructions for building poultry houses and much of interest and great value to the poultryman. Sent on receipt of 10c.

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MENTION PARK'S FLORAL MAGAZINE



THE PROFIT to be derived from the poultry business & many things of value to poultry men, together with a full description of the **MONITOR INCUBATOR** is contained in 80 p. catalog. Send 4c. stamps. A. F. WILLIAMS, 61 Race St. BRISTOL, Conn.

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POULTRY PAPER, illus'd, 20 pages, 25 cts. per year, 4 months trial 10 cts. Sample Free. 64-page practical poultry book free to yearly subscribers. Book alone 10 cts. Catalogue of poultry books free. **Poultry Advocate**, Syracuse, N. Y.

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GREIDER'S CATALOGUE FOR 1897.

THE FINEST POULTRY BOOK OUT. IT CONTAINS FINE ENGRAVINGS OF THE LATEST INFORMATION, DESCRIPTION AND PRICES OF EGGS AND STOCK FROM THE BREEDERS OF PURE BRED POULTRY. SEND 6c. IN STAMPS. J. H. GREIDER, FLORENCE, PA.

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FREE STAMPING OUTFIT TO HELP INTRODUCE

The COLUMBIAN

Into 100,000 new homes this season. Over 100 Patterns. Our new illustrated magazine has the largest circulation of any similar publication in this country, but we are not satisfied. We have therefore contracted for 100,000 "Grand Prix" Stamping Outfits to be given free to the first 100,000 persons who send only 10c. silver or 12c. stamps for a trial subscription. This hardly pays for cost of postage, mailing, etc., but we are so sure that those who send will always want to read The Columbian and renew their subscription every year, that we now make the offer of the age.



Over 100 Patterns. Hearts, 8x11; Bunch Forget-me-nots, 4x7; 1 Design Owl, 8x11; Roses, 5x9; Pond Lilies, 11x14; Bunch Grapes, 8 1/2 x 4; also designs Rabbit's Head, Butterfly, Maple Leaf, Tray cloth pattern, of many designs, Turkey on Platter, Bunch Strawberries, Four Leaf Clover, Bunch Pinks, Lilies, Little School Girl Rolling Hoop; also seven braiding patterns for flannel embroidery, several conventional designs, and 32 others, a total of over 100 very pretty and useful patterns, making in all the **Grand Prix Outfit** of the season. Bought separately at the stores they would cost \$2.00; we send **ALL FREE** if you send us only 10c. silver or 12c. stamps for trial subscription to magazine, and include with every order Full Instructions for Stamping, also for making powders of all kinds. Any publisher in New England will satisfy you as to our reliability. Address, **THE COLUMBIAN, 157 Oldis St. Boston, Mass.**

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In past 12 years have kept the lead of all others. 6 styles. For barrel or bucket, orchard, garden and home. Free catalogue. No. 1 tin, \$1.50; No. 2, iron, \$2.50, paid. A Harvest for Agents. **W. M. JOINSTON & CO., Box 3, Canton, O.**

BEAUTIFUL RINGS FREE!



We will give a beautiful **SOLID GOLD** finished ring, warranted, to any person who will sell 20 of our **INDUSTRIAL LAMP WICKS** at 5c each. It is an easy matter to sell 20 in 2 hours as they are needed in every lamp. Require no trimming; never burn out; no smoke or soot to disolor chimney. Send your name and address and we will mail wicks, postpaid. You sell them and remit us the \$1.00 and we will mail you the ring. **FIBRE WICK COMPANY, MONTCLAIR, NEW JERSEY.**

WONDERFUL!

You will get a **big mail**, thousands of papers, magazines, novelties, etc., by having your name inserted for 10c. In our directory which is sent to hundreds of Publishers, Manufacturers, etc., who want Agents. Don't miss this but send 10c. at once and we will include a six months subscription to 2 magazines and a coupon that will entitle you to 2 **Grand Prizes** sent by return mail. You will be wonderfully pleased and delighted with the results. **Write Welcome Check, P. P. Keeland, Me.**

LADY AGENT writes: "I am making \$10 to \$12 a day selling Mackintosh Dress Skirts, New style Dress Shields and other new goods." Send for proof and catalog best sellers **FREE**. Big profits. **LADIES SUPPLY CO., 3118 FOREST AVE., CHICAGO.**

BRIEF ANSWERS.

Plant at Once.—Plant your Hardy Bulbs in soil as soon as received. Do not allow them to remain at this season of the year one day exposed to the atmosphere if it can be avoided. If the ground is frozen so that planting out is impossible get enough of the frozen earth to fill a box, place in the cellar and plant as soon as thawed out. Hardy bulbs kept out of the soil after New Year's begin to lose their vitality. Plant at once.

Tuberous.—Let the small bulbs attached to the large ones remain till spring, keeping the clumps in a dry, warm room. Separate and plant singly as soon as the ground becomes warm, setting them five or six inches deep. A few of the larger plants may bloom late in autumn; the rest may be lifted and kept till the following season, when all should bloom.

Manettia Vine.—The *Manettia bicolor* grows freely when shifted into a larger pot as the plant develops. In a thrifty, growing condition the foliage rarely blights, but the plant is often flowerless. To develop buds and flowers let it become root-bound, and do not water as copiously as when you wish growth of vine and foliage.

Funkia ovata.—Mrs. Russell, of Missouri, sends a leaf and raceme of flowers to name. They are of *Funkia ovata*, sometimes called *Funkia cerulea*. It is a hardy plant of the Day Lily family, the leaves all radical, tapering at each end, and the spike-like raceme of lilac-blue summer flowers rising from twelve to eighteen inches high. It is a herbaceous plant well worth cultivating, as when once established it will take care of itself.

Scale on Orange Trees.—Rub the scale insects loose with a stiff brush, then syringe thoroughly, and apply to the trunk and branches a good lime whitewash to which has been added some kerosene oil thoroughly incorporated.

Perennial Phlox.—Seeds of Perennial Phlox should be sown in a sheltered bed out-doors in autumn. The plants should then appear the following spring or summer. The seeds are not always reliable, and when you are sowing them do not be too sanguine of the results. They often fail to germinate.

Don't Tobacco Spit and Smoke Your Life Away.

If you want to quit tobacco using easily and forever, be made well, strong, magnetic, full of new life and vigor, take **No-To-Bac**, the wonder-worker that makes weak men strong. Many gain ten pounds in ten days. Over 400,000 cured. Buy **No-To-Bac** from your own druggist, who will guarantee a cure. Booklet and sample mailed free. Ad. **Sterling Remedy Co., Chicago or New York.**



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Röntgen and Edison outdone. The greatest to date! Sensation! Penetrates any object in seconds between its lenses, no matter how thick or dense. You can see through a solid piece of iron or a part of your body, as through a crystal; or all optical marvels ever discovered this is the most wonderful. Two sets of compound lenses in handsome telescope case: 1-2 in. long. Sells for 25c. Sample complete and mailed postpaid with catalogue of 1000 Bargains for 15c. 2 for 25c. Doz. AGENTS WANTED. DON'T WAIT-DO IT NOW.

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GOLD RINGS FREE!

We will give one half-round Ring, **18k Rolled Gold plate** and warranted to anyone who will sell 1 doz. Indestructible Lamp Wicks (need no trimming) among friends at 10c. each. Write us and we will mail you the Wicks. You sell them and send us the money and we will mail you the Ring. **STAR CHEMICAL CO., Box 44, Centerbrook, Conn.**

MENTION PARK'S FLORAL MAGAZINE

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RUG Machines and Patterns by mail cheap. Send card for Catalogue and reduced price-list. **E. ROSS & CO., Toledo, Ohio.**

BRIEF ANSWERS.

Black Flies.—When you find small black insects flying about your plants you will mostly find small "white worms" in the surface soil. These "worms" are injurious, but may be eradicated by watering with camphor water or hot tobacco or red pepper tea.

Gourd Seeds.—These do not need to be sealed to have them germinate. However, they often lie dormant in the ground from two to three weeks before starting. Plant edgewise and keep the soil moist, but not wet. If planted out and subjected to a cold, wet period, such as we often have in early spring, the seeds are liable to decay.

Hyacinths and Freesias.—After these bulbs have bloomed in the window and completed the growth of their foliage let the soil dry out and set the pots in the cellar to remain during summer. Early in autumn repot the bulbs in fresh soil and treat as before. If sound and of sufficient size the bulbs will bloom again and again.

Tuberous Begonias.—The buds of these often drop just as they are ready to open when drainage is clogged and the soil is saturated with stagnant water. The same trouble is experienced in a very dry season, or when the plants are kept in a hot, dry room. When the tops begin to die in the fall cease watering and let the soil dry out, then set the pots away in a dry place where the thermometer rarely indicates less than 50°. The same treatment is recommended for keeping Gloxinias. Repot in fresh soil early in spring.

Liquid Manure.—This should be prepared as needed as it becomes offensive when kept.

Tradescantia.—It is not uncommon for the Wandering Jew, Tradescantia zebrina, to bloom, though the flowers are small and not very showy.

New Cure for Kidney and Bladder Diseases, Rheumatism, etc.—Free to our Readers.

Our readers will be glad to know that the new botanical discovery, Alkavis, has proved an assured cure for all diseases caused by Uric acid in the blood, or by disordered action of the Kidneys or urinary organs. It is a wonderful discovery, with a record of 1200 hospital cures in 80 days. It acts directly upon the blood and kidneys, and is a true specific, just as quinine is in malaria. Rev. W. B. Moore, D. D., of Washington, testifies in the *New York Christian Witness* that Alkavis completely cured him of Kidney and Bladder disease of many years' standing. Many ladies also testify to its curative powers in disorders peculiar to womanhood. So far the Church Kidney Cure Company, No. 418 Fourth Avenue, New York, are the only importers of this new remedy, and they are so anxious to prove its value that for the sake of introduction they will send a free treatment of Alkavis prepaid by mail to every reader of PARK'S FLORAL MAGAZINE who is a sufferer from any form of Kidney or Bladder disorder, Bright's Disease, Rheumatism, Dropsy, Gravel, Pain in Back, Female Complaints, or other affliction due to improper action of the Kidneys or Urinary Organs. We advise all Sufferers to send their names and address to the company, and receive the Alkavis free. It is sent to you entirely free, to prove its wonderful curative powers.

\$300.00 in Cash.

A 25c. Pat-tern FREE.



This Stylish
WAIST
with
Bolero Front
and Girdle.

TO

Every One.

HOW many words do you think you can correctly spell with the letters in the word "MANUFACTURERS"? Using each letter as desired, but not more times than it appears in Manufacturers—foreign words do not count. Work it out as follows: Am, Can, Cans, Cure, Cures, Rum, Same, Fact, Fracts, Fracture, Manufacturers, etc. Words spelled alike but having different meanings count as one.

Our Offer.—We will pay \$100 for the largest list, \$50 for the second largest, \$25 for the third, \$10 each for the next five, \$5 each for the next ten, and \$1 each for the next twenty-five. That is to say we will divide among forty-three contestants the aggregate sum of \$300 according to merit. Don't you think you could be one of the forty-three? TRY IT?

Our Purpose.—The above rewards for mental effort are given free and without consideration for the purpose of attracting attention to MODES, by May Mantion, the most popular up-to-date Fashion Magazine in the world. Its 36 pages, replete with beautiful illustrations of the latest styles in ladies', misses' and children's garments, make it a real necessity in every household; the Designs and Fashion Hints, being by May Mantion, render it invaluable as an absolutely reliable Fashion Guide.

Our Conditions.—You must send with your list of words 25 cents (stamps or silver) for a Three Months' Trial Subscription to MODES.

Our Extra Inducement.—Every person sending 25 cents and a list of 15 words or more, will, in addition to three months' subscription, receive by return mail a pattern of this stylish waist with Bolero front and girdle No. 6916 (illustrated above), in any size from 32 to 40 inches bust measure. The regular retail price of the pattern is 25 cents.

Our Aim.—The present monthly circulation of MODES exceeds 50,000. We aim to make it 100,000.

This contest will close March 15th next so the names of successful spellers may be published in the following issue of MODES, but SEND IN YOUR LIST AT ONCE. For our responsibility we refer you to any Mercantile Agency. Address

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LATEST FASHION. Everybody wears them and is making a collection. WE WILL SEND A PACKAGE of samples postpaid for only 6 cents, or an IMMENSE PACKAGE OF SAMPLES postpaid, no 2 alike, only 20 cents.

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100 Illustrations. FREE for 2-cent stamp. A "YARD OF POPPIES" in all their beautiful COLORS for 10 cents. Address J. F. INGALLS, Lynn, Mass., Box 52.

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Including a Complete Musical Outfit. CASH or EASY PAYMENTS.

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A work of art illustrated in 10 colors. Worth its weight in Gold. We pay charges on it and send it FREE, all you have to do is to ask for it to-day please. Remember this is the old established house of CORNISH & CO., the only firm in the world selling exclusively from Factory to Family direct. A single instrument at wholesale price. We save you from \$25.00 to \$250.00. Write at once to

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CORNISH & CO., Estab. 30 years, Washington, N. J.



Special offers
Now ready

SEE WHAT OUR CUSTOMERS SAY.

Messrs. CORNISH & CO.—Gents: More than a year ago your advertisement appeared in Park's Floral Magazine, and through it we were led to secure from you an organ for our Sunday School and church. I am pleased to say that it has given entire satisfaction. Its tone is rich, sweet and harmonious, and as leader of the choir I especially appreciate its volume, which is sufficient to fill the church when occasion requires. If we were to purchase again the Cornish would be our choice. Yours,

Metal, Pa., Dec. 25, 1893.

Messrs. CORNISH & CO.—Gents: I am pleased to notice your advertisement is still in the Floral Magazine. I hope those who think of purchasing an organ will consider the merits of the Cornish, as the one I purchased is satisfactory in every respect, and a first-class instrument, exquisite in tone and finish. Music and flowers I dearly love, and I can hardly say which affords me the most pleasure—my Cornish or my windowful of plants. The organ, however, is all that I could wish, and I freely recommend it.

Yours respectfully,

Mrs. Rebecca Keat.

Faunettsburg, Pa., Dec. 29, 1893.

Mr. Geo. W. Park, publisher of Park's Floral Magazine, has personal knowledge that many of his subscribers have purchased Cornish Organs and Pianos, and would like to hear from any reader who has one how they are pleased with it. Send your request for catalogue, etc., to CORNISH & CO., Washington, N. J., but send your testimonial to Mr. Park at Libonia, Pa.

When answering this advertisement please mention Park's Floral Magazine.

SEND US YOUR POST OFFICE

Mention County, and we make you a present of an **Orchestration Music Box** or a **Gilded Stem Winding Fine time-keeping Watch**, if you sell for us among friends 9 pieces of Jewelry. When sold you send the money and we send the present or you can keep half the money instead. We mail at our expense and take all risk. Say you will return what you don't sell. N. Y. T. Co., 537 East 116th Street, New York

When answering this advertisement please mention Park's Floral Magazine.

20 CENTS PAYS FOR ALL!!

American Nation for 6 Months, 154 Pieces of Music, 200 Varieties Flower Seeds, 12 Pictures in Colors, 2 Complete Popular Novels. EACH year we make a grand offer that secures trial subscribers for our family and musical journal. This offer leads all others. We make this great offer of the paper 6 mos. and all these VALUABLE PREMIUMS to test new subscribers. Our profit comes in after years. Money refunded you are dissatisfied. Read the following. It's the biggest bargain you ever saw.

2 Novels by popular Authors. 154 Latest success. Vol. 154 pieces Music. 12 Pictures in colors. These are fine parlor ornaments. They comprise an Idyl of Home, The Evening Prayer and 10 others. 200 Seeds. Fresh as-sorted, popular and warranted. We give everything mentioned as a free premium to each one sending 20 cents for this offer. Send two silver dimes or stamps to American Nation, Dept. C, Waterville, Maine.



CHILDREN'S CORNER.

Dear Mr. Park:—Mamma and I like your Magazine very much. I would like to exchange flower seeds for other flower seeds or scraps of silks, laces or dress goods. I am eleven years old. Miss Sadie Cox. Brownsville, Ore.

Dear Mr. Park:—I am a girl fourteen years of age, and receive your Magazine every month on my way home from school. When your Magazine reaches here it is gladly welcomed. I sometimes pick up one of the old ones and like to read them. I always look at the list of exchanges. Mamie Koentz. Trenton, Ill., Oct. 20, 1896.

Dear Mr. Park:—I am a little boy seven years old. Last July I was taken sick with spinal meningitis, which has left both of my legs paralyzed. I like flowers dearly, and when I was sick my little friends brought me so many of all kinds, but the most of Sweet Peas, and when I got better my brother Fred, aged ten years, would take me out in the flower garden, and my little sister Susie would fill my lap with Pansies. If any of the readers of your nice Magazine will send me some flower seeds or playthings I will send them something. E. Roy Stewart. 940 W. Ninth St., Erie, Pa., Dec. 4, 1896.

(Written by Fred.)

Mr. Park:—Your Magazine is the best journal of the kind I have seen. I like it better than any other. Mrs. D. Graycops. Gray Co., Kan., Dec. 8, 1896.

HOW A WIFE MAKES MONEY.

Dear Editor:—I feel so happy I must tell you what I did. Hard times threw my husband out of work; interest on mortgage was due. I read Mrs. Lewis' success, sent for a \$5 Vapor Bath Cabinet. It's a wonder, greatest blessing humanity ever invented. First day I sold 6; in one month I made \$119 profit and paid our debts. Everybody, sick or well wants one. It furnishes Turkish or Medicated Vapor Baths at home, beautifies the skin, abolutely cures Colds, Rheumatism, La Grippe, Neuralgia, Malaria, Weakness and all Blood, Skin and Kidney troubles. Any wife can do as I by writing H. World Mfg. Co., Columbus, O. Mas. B—.

Write to FRANKLIN PUTNAM, 485 Canal St., N. Y.

HE IS THE MAN

who STARTS MEN and Women in Practical Photography to earn money at home. Start Right! Don't fool away money on "Dummy" apparatus. But small means and no experience required. It will PAY YOU.

MENTION PARK'S FLORAL MAGAZINE

OLD RAGS

or new rags colored with "PERFECTION" Dyes will make beautiful carpets and rugs, and are guaranteed not to fade. We will send you a package each of "PERFECTION" Turkey, Red, Black, Green, Medium Brown, Yellow, and Orange dyes, or six packages, any colors, for cotton or wool, for 40 cents. Single package, 10 cents. W. CUSHING & CO., Dept. K, Foxcroft, MAINE.

THE NAKED TRUTH MUST be told about our STAR PHOTO-TOLLET, which produces portraits of ACTRESSES & ARTISTS' MODELS through our wonderful PHOTO-CIGAR HOLDER. Our agents are amazed at the quickness with which this great novelty sells. Send 10c. for sample outfit and special terms and explanatory circular, instructions & testimonials, Star Photocet Co., 9 Murray St., N.Y.

CORRESPONDENCE.

Verbenas and Petunias.—Mr. Park: I wish your readers could have seen my bay windows last winter. One window was just full of purple Verbenas, and the other of white double Petunias, and each window was a mass of blossoms. They began about Christmas time, and grew clear to the top of the windows. In June when I put them out in my beds they were still blossoming.

Mrs. L. W. Chase.

Crawford Co., Pa., Oct. 23, 1896.

Mr. Park:—If any who want a free government homestead of 160 acres in western Washington will write me, enclosing stamped envelope, I will be pleased to give full information free. I know of a number of good claims which are now vacant, located from one to three miles from school and postoffice.

W. M. Allen, P. M.

Alpine, Skagit Co., Wash.

Mr. Park:—In the October number of the Magazine for 1895, on page 129, there is a description of the Rosin Weed or Compass Plant, Silphium laciniatum, and S. terebinthinaceum or Prairie Burdock. I should like to get seeds of these plants. I have seen them growing in Illinois when I was a child, and have often wished that I had them. I often think of the wild flowers that grew near Burlington, Iowa, when I was a child. There was the Wild Pink, a beautiful scarlet tuft, the stem end of the petals green, the Moccasin Flower, shaped like an Indian moccasin, and of various colors; the Sweet William like our Phlox Drummondii, but of stronger growth; also a plant exactly like the orange-colored Lantana, but not as high as the Lantana, and not very plentiful. Will readers who could supply any of these write me.

Mrs. L. C. Marshall.

1016 Ellsworth St., Philadelphia, Pa.

You Dye in 30 minutes Turkey red on cotton that won't freeze, boil or wash out. No other will do it. Carpets, dresses, capes and clothing made to look like new. No failures with Tonk's French Dyes. Send 40c. for six packages or 10c. for one. Any color for wool or cotton. Big pay Agents. Write quick.

French Dye Co., Box 19, Vassar, Mich.

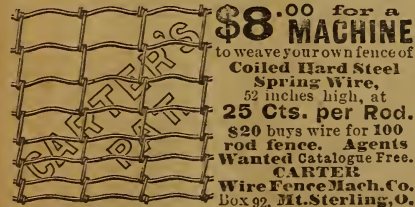


STEEL WEB Picket Lawn Fence

Steel Posts, Steel Rails and Steel Gates; Steel Tree, Flower and Tomato Guards; Cabled Field and Hog Fence, 24 to 36 in. high; Poultry, Garden and Rabbit Fence; Steel Wire Fence Board, etc. Catalogue free.

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MENTION PARK'S FLORAL MAGAZINE



\$8.00 for a MACHINE

to weave your own fence of Coiled Hard Steel Spring Wire, 52 inches high, at

25 Cts. per Rod. \$20 buys wire for 100 rod fence. Agents Wanted Catalogue Free.

WIRE FENCE MACH. CO. Box 92, Mt. Sterling, O.

BIG MAIL IF YOU WANT TO RECEIVE

Lots of Letters, Papers, Cards, Magazines, Novelties, etc. **FREE** send us 10c. and we will put your name in our Agents Directory, which we send to manufacturers, publishers and supply houses. You also get our new 64-col. Illus. Magazine to Jan. 1897, on trial, all for 10c. Don't miss this chance. Address at once YANK PUB. CO 6 Federal St., Boston, Mass.

BRECK'S FLOWER FOOD

makes Health, Growth, Bloom and Color. A year's supply for 30 plants mailed for 40c. Concentrated, odorless, and safe. "Success with House Plants," 32 pages mailed free. Please mention this publication.

JOSEPH BRECK & SONS,
Everything for Farm, Garden and Lawn.
Boston, Mass.

MENTION PARK'S FLORAL MAGAZINE

30 VAR. POULTRY--- 20 VAR. PIGEONS

Send 4c. for fine Cat; cir. free. Stock for sale. Eggs \$1 per 15; \$3 per 52. JNO. D. SOUDER, Jr., Telford, Pa.

MENTION PARK'S FLORAL MAGAZINE

YOUR NAME

on 25 FRIENDSHIP CARDS. Lovely Engraving, not beautifully embossed on the Cards. Also a Handsome Whitewood Case containing Golden Pen, 1 Corrugated Penholder, 1 State Penholder, 1 Ball and a SPLENDID RING. All as premiums with our Story Paper 3 months for 10 cents and 5c. postage. **WAYSIDE CO., A. CLINTONVILLE, CONN.**

NAME ON 50 SILK PRINCED & FLORAL CARDS

1897, 1898 & 1899, 2 Kings, 1 Jap. Hand f. Game Map, 1 Jap. Lucky, (die 1818), 4.01 Farm Pictures, 1 Jap. etc., with AGENTS OUTFIT, 10 cents.

GLEN CARD CO., NORTH HAVEN, CONN.

MENTION PARK'S FLORAL MAGAZINE

CARDS

See our fine Sample Book of Hidden Name Silk Prings and Calling Cards for 1897. Also the Union Bean Catcher, But. 1897. Don Buster & Love Cards, with Agent's full outfit, ALL for a 2c. Stamp. **BUCKEYE CARD CO., LACEVILLE, OHIO.**

MENTION PARK'S FLORAL MAGAZINE

696

New Sample styles of Envelope Silk Prings CARDS, 4c., 20 New Songs, 100 Rich and Racy Jokes, 1 pack Escort Cards, 1 pack Fun Cards, 1 pack Acquaintance Cards and Standard Bean Catcher. **CHAMPION CARD WORKS, UNION TALE, OHIO.**

MENTION PARK'S FLORAL MAGAZINE

YOUR NAME ON 50 LOVELY CARDS

1 Snake Ring, 1 Sling Shot, 1 Box Paints, 1 Jap. Brush, 1 Jap. Handkerchief, 1 Box "Art of Love Making," (both sexes) and Agents Sample Book, all for 10c. **ALLING BROS., Durham, Conn.**

All for 10 cents

Catapult Bean Shooter, Box of Paints with Brush, Cameo Finger Ring, False Mustache. Address, **TOY IMPORTING CO., PROVIDENCE, R. I.**

MENTION PARK'S FLORAL MAGAZINE

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The Absorption Treatment a Success. Hundreds successfully treated for all diseases of the eyes or lids without knife or risk at their homes and at our Sanitarium, the largest and most successful institution in America. "Don't wait to be blind." Pamphlet Free.

THE BENIS EYE SANITARIUM,
Glen Falls, N. Y.

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\$18 a Week Easy.

You work right around home. A brand new thing. No trouble to make \$18 a week easy. Write to us quick, you will be surprised at how easy it can be done. Send us your address any way. It will be for your interest to investigate. Write today. You can positively make \$18 a week easy. **ROYAL MANUFACTURING CO., Box 11-J, Detroit, Mich.**

WRITERS WANTED to do copying at home. Law College, Lima, Ohio.

COINS

If you have any rare American or foreign coins, paper money, or stamps issued before 1878, keep them and send two stamps for Ill. Circular No. 20. Fortune for somebody. Numismatic Bank, Boston, Mass. Coin Dept. P. F.

ART

of Crayon Portrait Painting taught by mail free if you want work. \$3 to \$5 a day made at home. **F. J. Smith, Portland, Me.**



DOUBLE TULIP.



SINGLE TULIP.



DOUBLE NARCISSUS.



SINGLE NARCISSUS.

Bulbs! Bulbs! Bulbs!

CLOSING OUT SALE. ONLY A FEW THOUSANDS LEFT. NO ORDERS FILLED AFTER FEBRUARY 1st.

Last Month I Offered

A BIG BARGAIN IN DUTCH HYACINTHS

11 splendid named bulbs and one Chinese Narcissus for 42 cents, or with the 10 cent Premium collection, 22 bulbs in all for 50 cents. We have a few of these bargain collections yet, and will fill orders for them as long as they last. Satisfaction guaranteed.

GREAT SURPRISE OFFER OF BULBS

200 splendid bulbs in many varieties—Pompon Hyacinths, Tulips, Narcissus, Crocuses, Scillas, Muscari, and many other choice hardy bulbs—the lot worth \$4.00 at ordinary rates, all mailed for \$1.00. Or, 500 bulbs expressed \$2.00; or 1,000 bulbs expressed \$3.00. See your neighbors and make out an order for 1,000 bulbs. I cannot imagine a more liberal offer, unless I should offer to pay you for taking the bulbs away. Cost does not enter into the consideration. The bulbs are all first-class as yet. I guarantee them.

THE MAGAZINE PREMIUM OF BULBS

60 Hardy Bulbs in great variety—Hyacinths, Tulips, Narcissus, and others, as offered on 2nd cover page of December number of the MAGAZINE, all with MAGAZINE one year for 50 cents. All fine bulbs, guaranteed.

20 BULBS FOR CEMETERY, 20 cents

This has been a very popular collection, and only a few lots are yet on hand. If you want a collection order soon. See MAGAZINE for December.

10 CHOICE PREMIUM BULBS

I can still supply the 10 choice Hardy Bulbs with MAGAZINE three months for 10 cents; five collections with five trial subscriptions for 35 cents.

All these bulbs are yet in good condition. If any are bad, and you receive no extra bulbs with your order to replace them, write, and substitutes will be forwarded to make up. As soon as you get the bulbs place them in the bed out-doors if the ground is open. If the ground is frozen plant in boxes of soil, water and place in the cellar till spring, then set the bulbs out. Or, they may be brought to the window to bloom when well rooted. But do not let the bulbs remain out of the soil. Plant as soon as received. This is positively the last chance to get hardy bulbs this season. Do not order after February 1st. It will then be too late, and your money will have to be returned.

1,000 BULBS FOR \$3.00

This is the greatest offer of Choice Hardy Bulbs ever made in this country. If you wish they will be made up into five packages of 200 bulbs per package, and at this rate five persons clubbing together will get a package of 200 bulbs for 60 cents and their share of the expressage. See your neighbors and get up a club. If you will make up such a club this month I will add a fine collection of 50 choice bulbs as a premium. Don't order after February 1st. Send in your order without delay.

Address **GEO. W. PARK, Libonia, Franklin Co., Pa.**

CHOICE PREMIUM SEEDS.

The Premium Flower and Vegetable seeds offered in this issue are unsurpassed in quality, and will compare with any in the market. They are all packed by steam machinery, thus enabling us to supply the collections with MAGAZINE three months for almost the price of packing the seeds by hand. See your neighbors at once and get up a club. Everybody ought to subscribe upon such liberal terms. Send for Blank Lists, sample copies, and special terms. You will be paid liberally in Cash for your work, and can make money by soliciting subscriptions. Address

PARK'S FLORAL MAGAZINE, Libonia, Pa.

THE FOREST.

E'er since the flight of years began,
Before God e'en created man,
Primeval forests thrived and grew
Beneath this sky of purest blue.

But generations come and go,
With summer's sun and winter's snow,
But whate'er secrets they might tell,
They know full how to keep them well.

Perhaps beneath these sylvan trees
Some fugitive from justice flees;
Or yet, perhaps, here lovers stray
As light of heart as bright, sweet May.

Cold winter gliding into spring
The flowers, leaves and mosses bring,
While from green boughs sweet songsters sing—
Gay harbingers of merry spring.

When spring departs comes sunny June,
And all the world doth seem in tune;
Then summer lingers into fall,
When blooms decay and leaves all fall.

But years may come and years may go,
With joys for some, for others woe,
But whate'er secrets they might tell,
They know full how to keep them well.

St. Paris, O., Dec. 2, 1896.

Nanus Vincent.

NATIONAL FLOWERS.

England, the Rose; Canada, Sugar Maple; Scotland, Thistle; Ireland, Shamrock; France, Fleur-de-lis; Granada, Spain and Portugal, Pomegranate; Italy, White Lily; Russia, Linden; Wales, Leek; Germany, Oak; Egypt, Lotus; Assyria, Water Lily; Prussia, Linden; Geneva, Leek; Saxony, Mignonette; Greece, Violet; Sweden, Amaryllis; Japan and China, Chrysanthemum; Corea, Cherry; Mexico, Nopal Cactus. The Palmetto is on the coat of arms of North Carolina. Queen Louise's favorite flower was the blue Centaurea or Cornflower. Margaret of Anjou's, the Daisy which is now called Marguerite. Napoleon's, Violet; hence Neapolitan Violet, Josephine Violet.

These have been gathered from good authority, and are correct, I think. If not, I shall be happy to have them corrected. O. M. C. Holman.
Washington Co., R. 1., Nov. 24, 1896.

A SIMPLE CATARRH CURE.

I have spent nearly fifty years in the treatment of Catarrh, and have effected more cures than any specialist in the history of medicine. As I must soon retire from active practice on account of old age, I will, from this time on, send the means of treatment and cure as used in my practice, free and postpaid, to every reader of this paper who suffers from this loathsome, dangerous and disgusting disease. This is a sincere offer which anyone is free to accept. Address, Prof. Lawrence, 88 Warren St., New York.

FREE

A positive, quick and lasting cure for Constipation, Indigestion, Dyspepsia, Sick Headache, Kidney and Liver Diseases, Poor Blood, Rheumatism, Corpulency, etc. Thousands of testimonials from grateful people who have been cured. We send the Medicine free and post-paid. You run no risk, save Doctors' bills and get well. Good Agents wanted. Write to-day. Address

THE EGYPTIAN DRUG CO., New York City.

MENTION PARK'S FLORAL MAGAZINE



ON THE
HAIR ARMS FACE
NECK etc., removed and the growth forever destroyed with the latest discovery
LYPTONE.
Harmless as dew. Price \$1, by mail, (sealed) Book and sample bottle Cucumber Complexion. Cream free with every order, address,
HALL & CO Dept. 102, St. Louis, Mo.

All kinds of news-
acquaintance names.
\$50 a thousand. Par-
doulars for stamp. NEWS CLIPPING CO., Dept. J M., 304 W. 139th St., N. Y.

WE BUY paper clippings and
\$50 a thousand. Par-
doulars for stamp. NEWS CLIPPING CO., Dept. J M., 304 W. 139th St., N. Y.

THE DREADED CONSUMPTION CAN BE CURED

NEW YORK, Jan. 3d, 1897.

TO EDITOR AND READERS:—I have discovered a reliable CURE for CONSUMPTION and all Bronchial, Throat, Chest and Lung Troubles, General Weakness, Loss of Flesh and all Conditions of Wasting Away. By its timely use thousands of apparently hopeless cases have already been PERMANENTLY CURED.

So proof-positive am I of its Power to Cure, I will send **FREE** to anyone afflicted, THREE BOTTLES of my Newly Discovered Remedies, upon receipt of Express and Post-office address. Always sincerely yours,

T. A. SLOCUM, M.C., 93 Pine St., New York.

When writing the Doctor, please mention this paper.

Try a Quaker Kitchen Cabinet 30 DAYS FREE OF CHARGE



Size, 27x47 in.
Hardwood legs and frame, finish antique.
Whitewood top.

If pleased, remit \$6.50, if not, hold subject to our order. Half of the housewife's life is spent in the kitchen. A Quaker Cabinet makes work a pleasure there. A kitchen without one is like an office without a desk. The only cabinet with metal bottom swinging door bins (a patented feature). One is for wheat flour and holds 50 lbs.; the other partitioned as shown. Two large bread boards slide into frame. Two drawers partitioned for spices, etc. All that's necessary in ordering is to give shipping directions and say you're a reader of this paper. Eastern shipments from our Chicago warehouses. Address all orders,

Quaker Valley Mfg. Co., Empire City, Kansas.

MENTION PARK'S FLORAL MAGAZINE

High Arm



Warren
Ten Years.

TRY IT FREE

for 30 days in your own home and save \$10 to \$25. No money in advance.
\$69 Kenwood Machine for \$23.00
\$50 Arlington Machine for \$19.50
Singers (made by us) \$8, \$11.50, \$15 and 27 other styles. All attachments FREE. We pay freight. Buy from factory. Save agents large profits. Over 100,000 in use. Catalogue and testimonials free. Write at once. Address (in full), CASH BUYERS' UNION
168-164 West Van Buren St., B-106, Chicago, Ills.

ONLY 10 CENTS.

Stamping Outfit, 91 patterns, outline designs 5x7, conventional designs 6x6, patterns for painting & embroidery 8 & 10 in. high 2 alphabets, a large forget-me-not pattern, and many others very desirable. All this and a 3 month's subscription to **The Home**, a 16-page story paper, with fashions and fancy work illustr'd sent for only 10c.
The Home, A1 Milk St. Boston, Mass.

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Lots of LETTERS, Papers, Cards, Magazines, Novelties, etc. If so, send us a 2 cent stamp **FREE** & we will put your name in our Agents' Directory, which we send to manufacturers, publishers and supply houses; best chance you ever had; send at once. We will surprise & delight you. Address
HARTZ & GRAY, Box 407, New York City

MENTION PARK'S FLORAL MAGAZINE

\$8 PER 100 paid for distributing samples of washing fluids. Send six 1c. stamps and secure cert. A. W. Scott, Chicago, N. Y.
[Mention Park's Magazine.]

11
by
14
in.



Sample Design
11x14 in.

FREE STAMPING OUTFIT 107 PATTERNS

This beautiful and lifelike design, size 11x14, is only one of a Mammoth Stamping Oufit that we are giving away to increase the subscription list of our Popular Monthly. There are also designs of Pond Lilies, 11x14, Sunflower, 8x11, Roses, 6x9, Owl, 8x11, Parrot and Branch, 8x9, Bleeding Hearts, 8x11, Forget-me-nots, 4x7, School Girl, 6 in. high, Girl Rolling Hoop, 6 in., Bunch Pinks, Bunch Strawberries, Fan Leaf Clover, Lilies, Rabbit's Head, Butterfly, Maple Leaf, 2 Choice Alphabets for ornamental marking, 7 branding patterns for flannel embroidery, besides numerous patterns, new and beautiful for every kind of embroidery, conventional, motto, floral and Grecian designs for tidies, dollies, splashers, traycloths, etc. With every outfit, we include full and complete instructions, also the secret of making stamping powders, FREE, to all who send only 10c. in silver, or 11 one cent stamps, for six months trial subscription to our very Pop. Illus. Monthly, THE COLUMBIAN. We refer to any publisher in N. E. Add. L. N. Cushman & Co., Publishers, 43 Old St., Boston, Mass.

When answering this advertisement please mention Park's Floral Magazine.



The Natural Body Brace

Cures Female Weakness, restores Health and Vigor.

After wearing your Natural Body brace for nine months, the most extreme and painful female weakness has vanished.

MRS. JESSIE FISHER.
Spruce Creek, Pa.

I have been afflicted with falling of the womb for 23 years, and have never had anything to help me like the Natural Body Brace has. I could not stand up long enough to wash dishes before wearing it, and now (after wearing it 3 months) I am cooking for a large family. I also help wash and do all kinds of work.

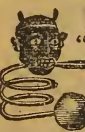
MRS. LUCINDA FIELD, Oscar, Tex.
Money Refunded if Brace is not Satisfactory. Send for full information.

Natural Body Brace Co., Salina, Kan.

HOWARD C. RASH, Manager, Box 196



MENTION PARK'S FLORAL MAGAZINE



MEFISTO SCARF PIN.

"Play the hose Bill"

A brand new joke; Mefisto's bulging eyes, bristling ears and ghastly grin invite curiosity every time when worn on scarf or lapel, and it is fully satisfied when by pressing the rubber ball concealed in your inside pocket you cause your inquiring friend with water. Throws a stream 30 feet; hose 16 in. long; 1 1/2 inch ball; handsome Silver-oxidized face colored in hard enamel worth 25c, as a pin and a dollar as a joke; send a sample of our 3000 specialties with 12c post catalogue postpaid for ONLY 15c 2 for 25c; \$1.40 Do. AGENTS WANTED. FORT. H. INGERSOLL & BRO., Dept. No. 131, 65 & 67 Cortlandt Street, New York City.

HAPPY NEW YEAR.

To introduce our great new illustrated Jewelry Catalogue, we will send our handsome 1897 gold Sterling Silver Ring, 9-1000 fine, suitable for Gen.leman or Lady, to any address, for TEN CENTS in stamps or silver. Send piece of paper size of ring wanted. LYNN & CO., 45 BOND STREET, NEW YORK.

MENTION PARK'S FLORAL MAGAZINE

LADIES

I Make Big Wages —At Home—

and want all to have same opportunity. The work is very pleasant and will easily pay \$13 weekly. This is no deception. I want no money and will gladly send full particulars to all sending 2c. stamp. Miss A. E. Scobble, Lawrence, Mich.

JUST WHAT YOU WANT

a free catalogue of the latest and best special Drugs, etc. Sent FREE with a 10c. present. Send your address to-day and be pleased. "DRUGGIST," Box 412, Readfield, Maine.

OPIUM

and WHISKEY HABITS cured at home without pain. Book of particulars FREE.

B. M. Woolley, M. D., Box 457, Atlanta, Ga.

Clairvoyance

Free. If sick send now your name, age, sex, lock of hair and 2 stamps to Dr. D. Hinkly, X 21, Grand Rapids, Mich.

MOTHERS

Your Children cured of Bed-wetting. Sample free. Dr. F. E. MAY, Bloomington, Ill.

EVERY WISH

gratified 10c. Book on Hypnotism 10c. PROF. ANDERSON, R. F., Chicago.

EXCHANGES.

Mrs. L. H. Lovejoy, Baldwin, Kan., ex. Cacti, and fine flower seeds and bulbs for seeds or plants not in her collection; write.

Mrs. A. Grayson, Eastabuchie, Miss., will ex. Tuberoses bulbs, Moonflower seed or cane, stamps for Ar-buckle signatures, worsted scraps or black plumes.

Mary McPhee, Garden, Mich., will ex. calico and wool quilt pieces and lace for house plants and bulbs.

Mrs. F. C. Howell, Livingston, Mich., will ex. croch patterns for Hyacinth and Chinese Lily bulbs.

Mrs. J. S. Gaylord, McConnellsville, Ohio, a shut-in, wishes seeds, bulbs and reading matter in exchange.

Miss L. F. Nail, Amphion, Texas, a shut-in, wishes seeds, bulbs, etc., in exchange; write.

Mrs. M. Dodson, Ingalls, Kan., has Tree, Prickly Pear, Pin Cushion and Lemon Cactuses to ex. for quilt scraps of any kind.

C. C. Wouters, Box 143, Hawley, Minn., will ex. camera, pantograph and magazines for seeds, Cacti, reading matter or music; write first.

C. F. Thompson, Prophetstown, Ill., will ex. toilet recipe for Rex Begonias and choice bulbs; write.

Mrs. S. E. Jennings, 46 Howells St., Lafayette, Ind., will ex. four Cinnamon vine tubers for two white Gladiolus bulbs.

Kate Little, Preston, Minn., will ex. hardy shrubs and perennial plants for other hardy plants; send list.

Frank K. Marvin, Gleason, Pa., will ex. Lemon tree, flower seeds, Iris and Jonquils for named bulbs; label.

FREE RECIPE FOR DRUNKENNESS.

For the sure and secret cure of the Alcohol and Tobacco curse. Tasteless, Harmless and Certain. Prescription sent free to wives or friends of inebriates, or Tobacco users. A marvellous success in even advanced cases. Inclose stamp. Can be given secretly in coffee, etc. Dr. HIRAM Cook, 13 Park Row, New York.

Good News for Our Lady Readers.

Arrangements have been made by which every reader of Park's Floral Magazine (lady or gentleman) having any facial disfigurement, such as Freckles, Pimples; Sallowiness, Blackheads, Excessive redness or any imperfection of the skin, will be furnished with a trial package of Dr. Botot's Celebrated Complexion wafers. These wafers act as a face tonic and skin cleanser, and ladies are assured of a lovely complexion and beautiful form. Write to-day, and full particulars and a trial package will be forwarded by mail in a plain sealed package, absolutely free. Enclose stamp for postage. Address, Capital Drug Co., Box 655, Augusta, Maine.

LADIES.—Send to Mrs. E. Mercer, Toledo, O., for free package of Clover Blossom. Cures all female diseases.

Self Home Treatment for Ladies.

I will send free, with full instructions, some of this simple preparation by which ladies can cure themselves of female troubles without aid of a physician, at a cost of about 12 cents a week. Tell others of it—that is all I ask. Mrs. N. Summers, Notre Dame, Ind.

EXCHANGES.

Mamie Koentz, Lock Box 12, Trenton, Ill., will ex. Begonias for Tuberoses and monthly Roses.

Mrs. Fred. Buschman, Hattiesburg, Miss., will ex. Spotted Calla and Cacti for fine hardy bulbs.

Miss Mary Fannon, Democrat, Va., will ex. mosses, wild flower seed, etc., for silk, velvet or calico pieces.

Mrs. George Reynolds, Jr., Golden, Ill., will ex. red Velvet Roses, white Lilac and Syringa for Fuchsias or Begonias.

Mrs. R. J. DeLand, Forestville, N. Y., has silk pieces to ex. for bulbs, rooted Rose cuttings or calico; write.

Frank Holbrook, Palmyra, N. J., will ex. choice Aster seeds for Cosmos, Phlox or other seeds.

Mrs. D. W. Farley, Jerseyville, Ont., Can., has Aster and Stock seeds to ex. for Sweet Peas or other seeds.

Mrs. A. L. Aseltine, Swanton, Vt., will ex. fine bulbs and seeds for shrubbery or hardy vines or bulbs not in her collection; write first.

Miss E. R. Cutchshaw, Maynard, Ohio, a shut-in, wishes to correspond with the sisters; will receive scraps or stamps in exchange for plants.

K. Taylor, Boyd's Tank, Ala., will ex. silk pieces for bulbs of any kind; need not write.

Mrs. Chas. P. Yoe, 605 William St., Knoxville, Tenn., has Madeira vine tubers to ex. for plants or bulbs not in her collection; send list first.

F. Robbins, Box 425, Louisville, Ky., will send five seeds of Palestine Dipper Gourd (long-handled) for every cocoon or silk worm in chrysalis.

Lucia T. Falconer, Shelburne, Ont., Can., will ex. house plants, Cacti and hardy bulbs for medals, real old postage stamps and other curios.

Mrs. L. W. Baldwin, Milford, Del., has Sarracenia purpurea to ex. for S. flava or Ferns or any plants not in her collection.

Mrs. Agnes M. Phinney, Fayetteville, N. Y., has literature to ex. for house plants and seeds; write first.

Mrs. F. M. Wright, Brazil, Ind., a shut-in, wishes to correspond and exchange with the sisters; will ex. literature and cancelled stamps for bulbs, plants, etc.

Mrs. B. M. Alford, Tulare, Cal., will ex. Cacti, bulbs and plants for blocks of silk crazy work 15 in. square.

Lillie Ripley, Erie, Pa., will ex. annual and perennial flower seeds for calico quilt pieces.

Mrs. H. Ford, Austin, Tex., will ex. fine reading for Freesias, Daffodils, Gladioli or Spotted Calla; write.

Mrs. L. W. Lipsey, Citra, Fla., will ex. seed, native bulbs, and cuttings of house plants for Begonias or other flowers; ex. lists first.

Mrs. H. Finney, Fairmount, Ind., will ex. seed of Aster and Zinnia for seeds not in her collection; write.

Mrs. C. H. Brown, Kenova, W. Va., will ex. fine bulbs, plants and Roses for nice Palm or plants and bulbs not in her collection; write.

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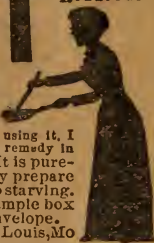
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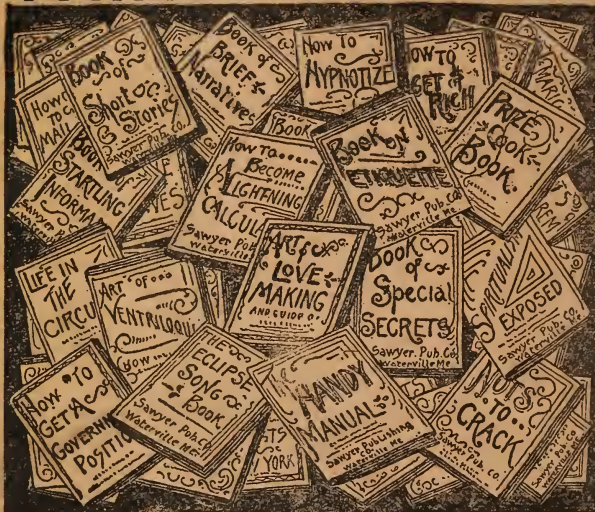
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